



IFFS World Congress 2025

Diversity, Sustainability and Resilience in Reproductive Medicine

April 26 - 29, 2025

Tokyo International Forum

Congress Guide



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Welcome Messages

Dear Colleagues,

On behalf of the International Federation of Fertility Societies (IFFS) and the Japan Society for Reproductive Medicine (JSRM), we are pleased to welcome you to the IFFS World Congress 2025, held from Saturday, April 26 to Tuesday, April 29, in Tokyo, Japan.

The year 2025 is an important year as JSRM celebrates its 70th anniversary. We are honoured to have them as the host organisation for our World Congress on this special milestone. The theme is “Diversity, Sustainability and Resilience in Reproductive Medicine”. The IFFS World Congress 2025 provides a unique platform for attendees to convene and network with renowned international faculty while sharing cutting-edge research and exploring new ideas. The various sessions cover a plethora of topics on current advances in reproductive health, such as access to fertility care, insights into reproductive rights around the globe, and studies on the patient perspective. We have all categories of healthcare providers practicing reproductive medicine are participating in this congress, including nurses, embryologists, physicians, counsellors, and geneticists, as well as demographers, managers and policy makers. Furthermore, IFFS member societies are organising their own symposium to express and share their activities and experiences with participants from other regions as well as their own.

The IFFS World Congress is an all-inclusive global stage for the art and knowledge of caring for the infertile. We invite you to join us and celebrate the joy of helping humans establish a family.

While you are at the Congress, we hope that you will enjoy the science and the Japanese culture, and after the Congress, you will go back home with thousands of new knowledge and new friendship.



Yutaka Osuga
President of IFFS World Congress 2025



Edgar Mocanu
President of IFFS

The 70th Annual Meeting of the Japan Society for Reproductive Medicine (JSRM70) is held at Tokyo International Forum on April 27 (Sun) and 28 (Mon), 2025, in conjunction with the International Federation of Fertility Societies World Congress 2025 (IFFS World Congress 2025), which takes place from April 26 to April 29, 2025, chaired by Yutaka Osuga. This is the very first annual meeting of JSRM to be hosted by a representative of a private clinic, and we are very honored to be a part of it.

The unique feature of this year's meeting is that it will be held in collaboration with the IFFS, which will be held in Japan for the first time in 54 years. With a unified theme of “Diversity, Sustainability and Resilience in Reproductive Medicine”, we believe that these values will guide us in building a better future in the field of reproductive medicine.

In recent years, the field of reproductive medicine has been required to provide higher-quality medical care to patients with different backgrounds, needs, and desires. Recognizing this diversity helps move forward in this direction. The mixing of different specialties and ideas in the fields of research and technology will also lead to more innovative and progressive approaches. Furthermore, while reproductive medicine is developing along with technological advances, it is essential that efforts are made to minimize environmental impact in the process. We must embrace sustainable approaches and work together to develop a healthy environment for future generations. Resilience in dealing with unknown and challenging situations is also essential. Facing challenges, learning from them, and growing through them will be key to the future of reproductive medicine.

With these principles in mind, I hope that the 70th Annual Meeting of the Japan Society for Reproductive Medicine will share the same aim as the International Federation of Fertility Societies and provide a valuable opportunity for active exchanges of opinions with guests not only from Japan but also from overseas.

This meeting will provide Japanese doctors, embryologists, and researchers with a valuable opportunity for our colleagues to widen and deepen their knowledges and insights. At the same time, this meeting will celebrate the 70th anniversary of JSRM. To commemorate this unique opportunity, we are organizing the Commemorative Mini-Symposium to explore broader and deeper insights of reproductive medicine from different perspectives of physicians, embryologists and researchers, and so on.

I sincerely hope that you will find the 70th Annual Meeting of JSRM an unparalleled opportunity to make new friends, new ideas and new future, and that you will thoroughly enjoy this 2-day congress.



Masahide Shiotani

President of the 70th Annual Meeting of JSRM

Committees

IFFS2025 Organizing Committee

Yutaka OSUGA

IFFS World Congress 2025 President

Norihiro SUGINO

Secretary General

Chair of General Affairs Committee

Yukihiro TERADA

Treasurer

Chair of Finance Committee

Akira TSUJIMURA

Vice President

Yasushi HIROTA

Chair of the Organizers

Mitsunori MATSUO

Vice Chair of Organizers

Akira IWASE

Chair of Scientific Program Committee

Hiroaki SHIBAHARA

Chair of Sponsorship Committee

Hiroshi KISHI

Chair of External Affairs Committee

Takashi MURAKAMI

Chair of Registration and Onsite Operations Committee

Osamu NISHII

Chair of Ceremony and Social Events Committee

Yukiko KATAGIRI

Chair of Public Relations Committee

Masahide SHIOTANI

Chair of Fundraising Committee

Fuminori TANIGUCHI

Chair of Ethics Committee

Edgar MOCANU

IFFS President

Bart FAUSER

IFFS Chairman, Scientific Director

Linda GIUDICE

IFFS Immediate Past President

Marcos HORTON

IFFS President Elect

Richard KENNEDY

IFFS Past President

Joe Leigh SIMPSON

IFFS Special Advisor

Luca GIANAROLI

IFFS Director of Education

Rishma PAI

IFFS Treasurer

IFFS Scientific Committee Member Societies

Agustin PASQUALINI (Argentina)

Bryan WOODWARD (UK)

Gamal SEROUR (Egypt)

Zi-Jiang CHEN (China)

Antti PERHEENTUPA (Finland)

Kuldeep JAIN (India)

Congress Information

Date and Venue

IFFS World Congress 2025 (IFFS2025)

Diversity, Sustainability and Resilience in Reproductive Medicine

Date: April 26 (Sat) – April 29 (Tue), 2025

The 70th Annual Meeting of the Japan Society for Reproductive Medicine (JSRM70)

Date: April 27 (Sun) – April 28 (Mon), 2025

Venue: Tokyo International Forum

3 Chome-5-1 Marunouchi, Chiyoda City, Tokyo 100-0005, Japan

Tel: +81-(0)3-5221-9000

URL: <https://www.t-i-forum.co.jp/en/>

On-Demand Streaming

Date: May 20 (Tue) – June 10 (Tue), 2025

The selected sessions will be streamed on-demand after the Congress. Access to the Congress website and log in with the email address and the registration ID you used to register. Taking pictures, copying, or downloading of the video or content of the broadcast is strictly prohibited. If any of these actions are discovered or suspected, necessary measures, such as contacting the offending participant's affiliated institution, will be taken accordingly.

Congress Secretariat

Organizing Secretariat of IFFS World Congress 2025/70th JSRM Meeting

c/o Convention Linkage, Inc.

2 Sanbancho, Chiyoda-ku, Tokyo 102-0075, Japan

Tel: +81-(0)3-3263-8698 Fax: +81-(0)3-3263-8693

E-mail: reg-iffs2025@c-linkage.co.jp

Congress Website

<https://www.iffs2025-tokyo.jp/index.html>

Congress Language

The official congress language is English.

Registration Entitlements

Kindly find below the registration entitlements for your applicable registration:

- Admittance to the Opening Ceremony & Welcome Reception
- Admittance to all sessions
- Access to the exhibition
- Congress documentation and abstract book (electronic)
- Certificate of Attendance (electronic)
- Coffee and snacks during official Congress breaks
- Congress Guidebook

Name Badge

Please bring a digital or printed QR code available upon completing registration and signing in to the “My Page” portal. A name badge will be issued when the QR code is scanned at the registration desk. All participants are requested to wear their name badge at all times in the Congress venue.

Receipt and Certificate of Attendance

The receipt and Certificate of Attendance can be downloaded from the “My Page” portal. Please be sure to download them by June 10, 2025. They cannot be reissued after June 11, 2025.

Congress Bags

Congress bags are available at the congress bag counter.

Registration Desk

Location:	Lobby Gallery, B1F, Tokyo International Forum	
Opening Hours:	April 26 (Sat)	8:00 -18:00
	April 27 (Sun)	7:30 -18:00
	April 28 (Mon)	7:30 -17:00
	April 29 (Tue)	7:30 -15:30

Cloakroom

Location:	Lobby Gallery, B1F, Tokyo International Forum	
Opening Hours:	April 26 (Sat)	8:00 -19:00
	April 27 (Sun)	7:30 -18:00
	April 28 (Mon)	7:30 -18:00*
	April 29 (Tue)	7:30 -17:00

*Those who are attending the Congress dinner on 28th, please use the cloakroom at TOKYO KAIKAN, the venue of the Congress Dinner.

Lost and Found

A lost and found service is available at the registration desk.

Abstract App

You can use the abstract application service to search for presentations and register for schedules. A web version is available for computers, and an app version is available for smartphones and iPads.

App for PC: Please download it from the Congress website.

App for Mobile: App name: **IFFS2025/JSRM70**

Please download the Confit app from the App Store or Google Play. Look for IFFS2025 on the Search Events tab of the Confit app, and download the IFFS2025/JSRM70 file.

Program Changes

The Congress Organizers cannot assume liability for any changes in the program due to external or unforeseen circumstances.

Mobile Phones

All participants are kindly asked to set their mobile phones to silent during all sessions of the Congress.

Shooting, Photography, and Recording

Unauthorised photoshooting and recording of sessions and posters are prohibited.

AI Translation Services

AI translation services are available for oral sessions except society symposium and sponsored seminars. Please scan the QR code posted at the venue with your smart device to access it.

Congress Wi-Fi

Free Wi-Fi is available inside the Tokyo International Forum. The SSID and password will be provided at the venue.

Charging Rental Spots

Charging Rental Spots are located in Hall E, and B5 Foyer.

General Assembly

General Assembly Part 1

Date and Time: April 27 (Sun) 12:25-13:30

Venue: G409, G Block 4F, Tokyo International Forum

General Assembly Part 2

Date and Time: April 29 (Tue) 12:40-13:50

Venue: Hall D5, D Block 5F, Tokyo International Forum

Opening/Closing Ceremonies

Opening Ceremony

Date and Time: April 26 (Sat) 16:00-17:00

Venue: Hall C, C Block 4F, Tokyo International Forum

Closing Ceremony

Date and Time: April 29 (Tue) 16:00-16:30

Venue: Hall B7-1, B Block 7F, Tokyo International Forum

Social Events

Welcome Reception

Date and Time: April 26 (Sat) 17:30-

Venue: Hall E, B2F, Tokyo International Forum

Dress Code: Business Attire

Congress Dinner

Date and Time: April 28 (Mon) 19:30-

Venue: Rose room, 3F, TOKYO KAIKAN

3-2-1 Marunouchi, Chiyoda-ku, Tokyo 100-0005, Japan

<https://www.kaikan.co.jp/en/>

*5-min walk from the Congress venue (Tokyo International Forum)

Dress Code: Business Attire (National dress is also encouraged.)

Ticket: JPY 10,000/person

Congress dinner ticket(s) must be purchased in addition to the registration fee.

Food and Beverages

Coffee breaks and lunches are included in the Congress registration fee. Coffee will be served at designated times at the refreshment corner, Hall E, and B5 Foyer.

Participants will be offered traditional Japanese boxed lunch at co-sponsored luncheon seminars and breakfast snacks at co-sponsored morning seminars. Food and drink will be distributed in a limited quantity at each co-sponsored session. If you arrive after the food and beverage service has finished, you are still welcome to attend the session. Vegetarian and Halal meals are also available.

Refreshment Corner

Drinks and snacks are available at the refreshment corner.

Location: Hall E, B2F and Hall B5 Foyer, B Block 5F, Tokyo International Forum

Accompanying Person Registration

Accompanying persons can access the following:

- Social Events
 - Congress Dinner (April 28, 19:30- at Tokyo Kaikan) *Ticket JPY 10,000/person required.
- Cultural Programs
 - Tea Ceremony
 - Japanese Calligraphy

Cultural Experience Programs are available 4 times a day.

Seats are available on a first-come, first-served basis, so please register on the day of your visit at the Tokyo City Information Desk in the Lobby Gallery, B1F, Tokyo International Forum.

- Day Trips
 - Half-day/full-day sightseeing tours in Tokyo will be offered on limited days during the Congress.
 - Please check the official website for the program and register at the "Tokyo City Information Desk" located in the Lobby Gallery, B1F, Tokyo International Forum.
 - Seats are available on a first-come, first-served basis.

Tokyo City Information Desk

All participants are invited to visit the tourism desk. You can sign up for Cultural Programs and Day Trips at this desk.

Location: Lobby Gallery, B1F, Tokyo International Forum

Opening Hours: April 26 (Sat) 8:00 -18:00
April 27 (Sun) 7:30 -18:00
April 28 (Mon) 7:30 -17:00
April 29 (Tue) 7:30 -15:30

Supported by Tokyo Convention & Visitors Bureau

Exhibition

Location: Hall E, B2F and Hall B5 Foyer, B Block 5F, Tokyo International Forum

Opening Hours: April 26 (Sat) 13:00 -18:30
April 27 (Sun) 9:00 -18:30
April 28 (Mon) 9:00 -18:00
April 29 (Tue) 9:00 -16:00

Insurance and Liability

The Congress Organizers will accept no liability for personal injuries sustained by, or for loss or damage to property belonging to, Congress participants or accompanying persons, either during or as a result of the Congress, or during any tours and events. By registering, participants accept this condition. Participants are strongly advised to obtain insurance coverage for health and accidents, lost luggage, and trip cancellations.

Nursery

There is no nursery available.

Medical Service

First aid is available at the venue. In case of an emergency, please inform the staff at the registration desk.

Prayer Room

Prayer rooms are available at Hall E, B2F, Tokyo International Forum.

Guidelines for Chairs and Speakers

1. Oral Presentation Guidelines

For Chairs

All chairs of oral sessions are requested to be seated at the Next Chair's seats, located in the right front row, 10 min before their session starts.

For Speakers

All speakers of oral sessions are requested to:

1. Disclose conflicts of interest (COI) for the past three years using the template slide.
2. Bring their presentation data on USB Flash Drive, CD-R, or their own computer to the PC Preview Desk (Lobby Gallery, B1F, Tokyo International Forum) and upload their presentation data at least 45 min before the session starts.
3. Be seated at the Next Speaker's seats, located in the left front row, no later than 10 min before the session starts.
4. Strictly keep the allotted presentation time.

Presentation time for each speaker

Keynote Lectures	45-min oral presentation including Q&A
Eponymous Lectures	45-min oral presentation including Q&A
Trilogy Sessions	30-min oral presentation including Q&A
Symposia	Allotted individually
Panel Discussions	Allotted individually
Debates	Allotted individually
Pre-Congress Courses	Allotted individually
Oral Sessions	6-min oral presentation followed by 3-min Q&A

PC Preview Desk

Location: Lobby Gallery, B1F, Tokyo International Forum

Opening Hours: April 26 (Sat) 8:00 -15:30
April 27 (Sun) 7:30 -18:00
April 28 (Mon) 7:30 -17:00
April 29 (Tue) 7:30 -15:30

[Notes]

1. The accepted application format is Windows PowerPoint 2019/2021/2024 Microsoft 365.
2. Slides must be created in a 16:9 screen aspect ratio and at a resolution of FHD 1920 x 1080.
3. Recommended typefaces are Century, Century Gothic, Arial, and Times New Roman. Please avoid special characters.
4. Please include the presentation number and the presenter's name in the file name, e.g. Presentation number_Name.pptx.
5. If you create your presentation using a Macintosh and/or moving images, please bring your own computer.
6. If you use your own computer, please bring your power adaptor.
7. If your PC is not compatible with an HDMI cable connector, please bring a suitable adaptor.
8. The Presenter Tool for displaying your manuscript on the PC monitor at the podium is not available.
9. Your submitted data will be discarded after the Congress.

2. Poster Presentation Guidelines

The poster presentations will take place in a free discussion style in Hall E, within the Exhibition Area. The posters will be replaced each day.

Location: Hall E, B2F, Tokyo International Forum

All speakers of poster presentations are requested to:

1. Bring their poster to Hall E on the day of their poster presentation and pin it up during the pin-up and viewing time, as indicated in the table below.
2. Arrive at Hall E and stand in front of their poster at least 5 minutes before the start of the discussion.
3. Stand by their poster throughout their assigned time and discuss their work with the audience.

Please note that during the 90-min presentation period, there will be an odd–even number split: all posters with an odd number in the last part should be presented in the first 45 min of the session, whereas those with an even number in the last part should be presented in the second 45 min of the session.

Poster pin-up/removal times

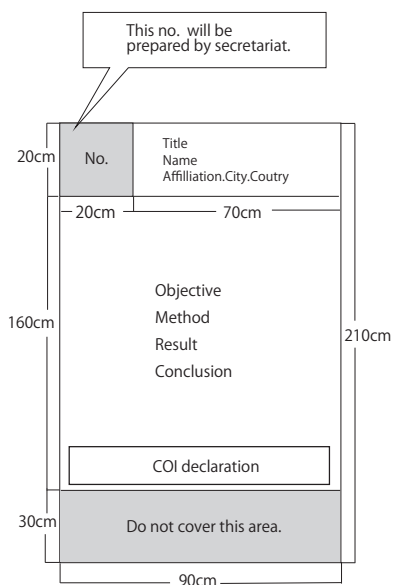
Date	Pin-up Time	Viewing Time	Discussion Time	Removal Time
April 27 (Sun)	08:00-10:00	10:00-15:45	Odd No. 15:45-16:30 Even No. 16:30-17:15	17:15-18:30
April 28 (Mon)	08:00-10:00	10:00-15:45	Odd No. 15:45-16:30 Even No. 16:30-17:15	17:15-18:00
April 29 (Tue)	08:00-10:00	10:00-13:55	Odd No. 13:55-14:40 Even No. 14:40-15:25	15:25-16:00

* All participants are free to access and stay in the poster venue during the open hours above.

* Posters left on the poster boards after the removal time will be removed and discarded by the Secretariat after the Congress.

Guidelines for Poster Preparation

1. All posters should be prepared entirely in English.
2. Each author is requested to indicate the title, authors' names, and authors' affiliations on the top right of the poster board within an area 70 cm wide x 20 cm high.
3. A presentation number board to be placed on the top left of each poster will be prepared and attached by the Organizing Secretariat.
4. Poster contents should be arranged to describe the objective, methods, results, and conclusion.
5. The usable area for the contents is 90 cm wide x 210 cm high. The layout of the poster contents should be decided at the authors' discretion.
6. The typeface used on posters should be at least 18 mm high so that the content can be read from a distance.
7. Tables and figures should likewise be of an appropriate scale, with text large enough to be easily read.
8. Posters should be attached to poster boards using thumbtacks provided by the Organizing Secretariat. Paste, glue, staples, and/or nails are not permitted.
9. There will be no reception for poster presentations.
10. The poster should contain the COI disclosure statement.



Poster printing and display service

You can optionally use the poster printing and display service at your own expense. For details, please refer to the Congress website.

COI Disclosure Requirement

All speakers and poster presenters are requested to disclose any conflicts of interest at the time of presentation for the benefit of Congress delegates.
To this effect, the first slide of your presentation or your poster should contain a brief summary of conflict(s) of interest.

COI slide sample (If there are no items to declare)

IFFS2025 World Congress/JSRM70

Conflict of the Interest Disclosure Statement

Name of the Authors: XX XX, XX XX, XX XX (@Responsible Researcher)
Affiliation: Department of Obstetrics and Gynecology, XXXXX University

I have no financial relationships to disclose.

COI slide sample (If there are items to declare)

IFFS2025 World Congress/JSRM70

Conflict of the Interest Disclosure Statement

Name of the Authors: XX XX, XX XX, XX XX, @XX XX (@Responsible Researcher)
Affiliation: Department of Obstetrics and Gynecology, XXXXX University

In connection with the presentation, we disclose COI with following companies.

1. Employment/Leadership position/Advisory role:
2. Stock ownership:
3. Patent royalties/licensing fees:
4. Honoraria (e.g. lecture fees)
5. Fees for promotional materials (e.g. manuscript fee)
6. Research funding
7. Others (e.g. trips, travel, or gifts)
8. Acceptance of researches from commercial entities
9. Endowed chairs

(example)
In connection with the presentation, we disclose COI with following companies.

Honoraria: A Pharmacy, B Pharmacy
Manuscript fee: C Pharmacy
Research funding: B Pharmacy, D Pharmacy

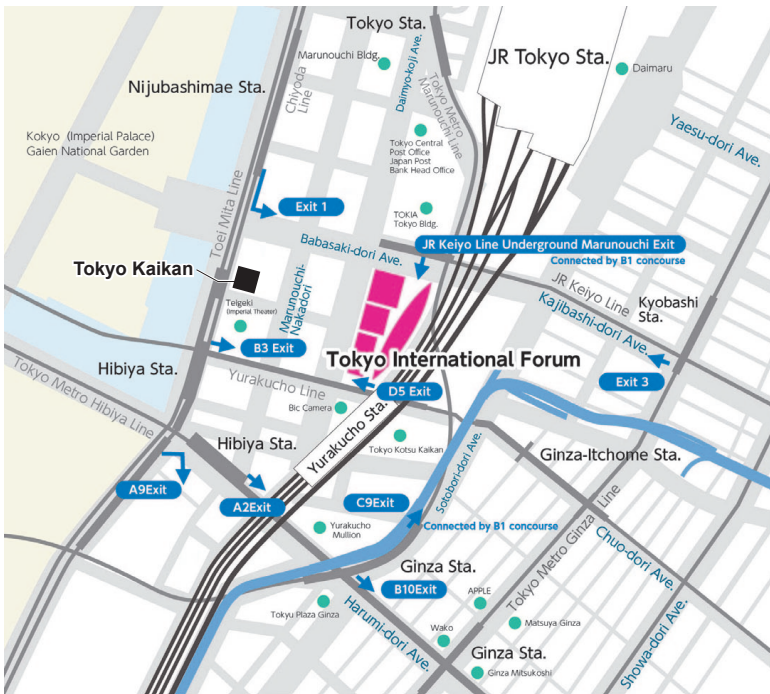
Please list only the items that have information to be disclosed in the past three years.

The sample slide can be downloaded from the Congress website.

Venue

Tokyo International Forum

5-1 Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005, Japan



JR Line

1-minute walk from Yurakucho Station

5-minute walk from Tokyo Station (the concourse on the first basement floor connects with Tokyo Station on the Keiyo Line)

Subway

Yurakucho Line: 1-minute walk from Yurakucho Station (connects to the concourse on the first basement floor)

Chiyoda Line: 5-minute walk from Nijubashimae Station/7-minute walk from Hibiya Station

Marunouchi Line: 5-minute walk from Ginza Station

Ginza Line: 7-minute walk from Ginza Station/7-minute walk from Kyobashi Station

Mita Line: 5-minute walk from Hibiya Station

From Narita Airport

80-90 minutes to Tokyo Station by limousine bus

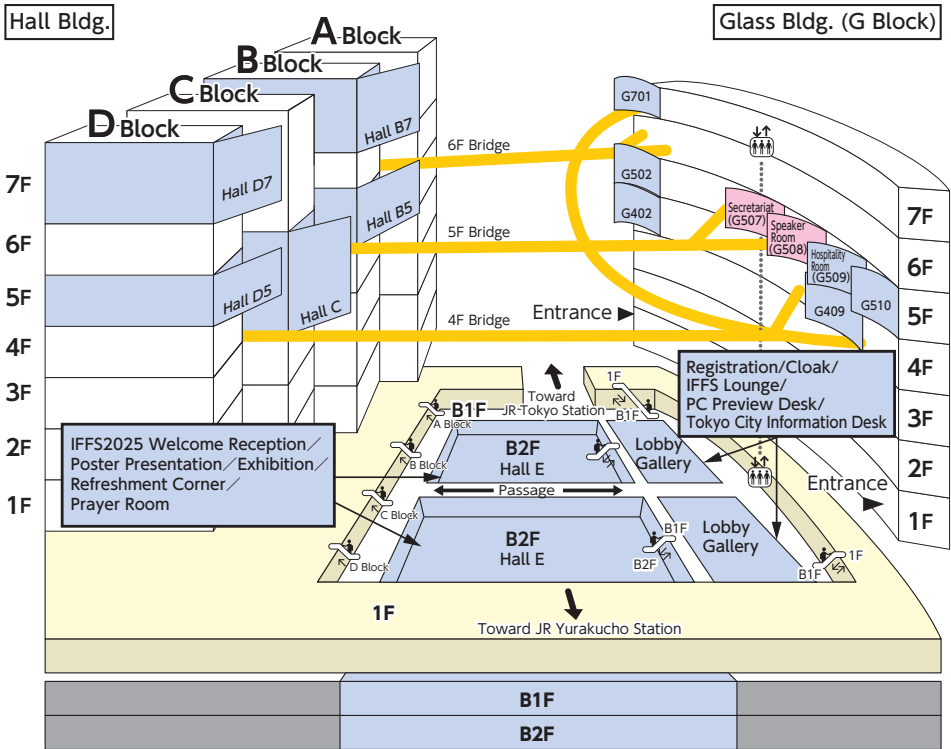
53 minutes to Tokyo Station by Narita Express

From Haneda Airport

23 minutes by monorail to Hamamatsucho Station

4 minutes from JR Hamamatsucho Station to Yurakucho Station

Floor Map

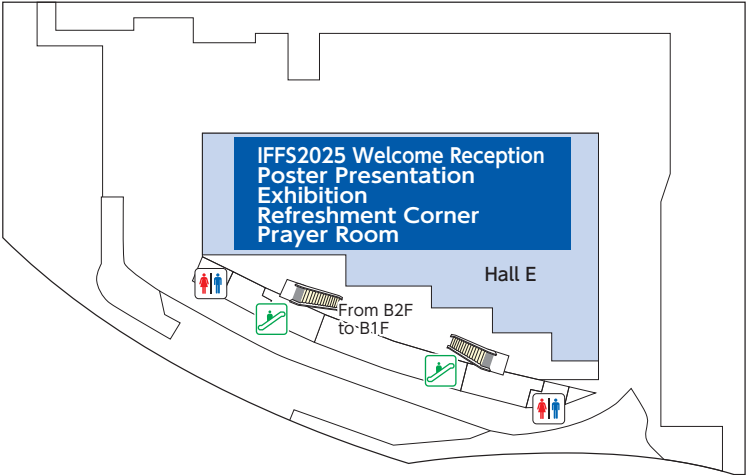


Hall Bldg. ← Hall Bldg. and Glass Bldg. are connected by bridges on the 1st basement, 4th, 5th, and 6th floors. → Glass Bldg. (G Block)

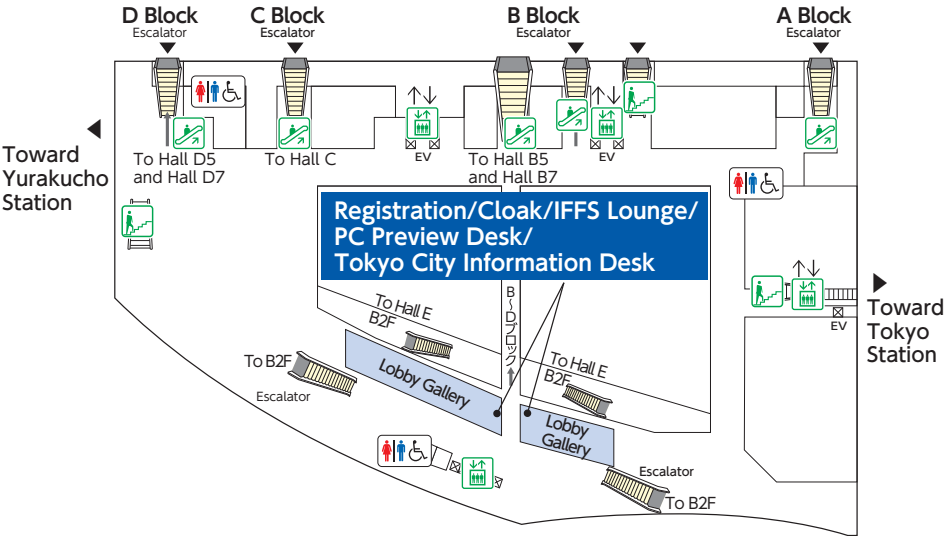
ホール棟とガラス棟はB1F、4F、5F、6Fのブリッジで移動いただけます

Room	Block	Floor	Program
Hall C	C Block	4F	IFFS2025 Opening Ceremony (Apr. 26)
Hall B7-1	B Block	7F	JSRM70 Sessions (Apr. 27-28)
Hall B7-2	B Block	7F	IFFS2025 Sessions
Hall B5	B Block	5F	IFFS2025 Sessions/Exhibition
Hall D7	D Block	7F	IFFS2025 Sessions
Hall D5	D Block	5F	IFFS2025 Sessions
G701	G Block	7F	IFFS2025 Sessions (Apr. 26)
G502	G Block	5F	IFFS2025 Sessions
G510	G Block	5F	IFFS2025 Sessions
G409	G Block	4F	IFFS2025 Sessions
G402	G Block	4F	IFFS2025 Sessions (Apr. 26)
Hall E	E Block	B2F	IFFS2025 Welcome Reception/Poster Presentation/Exhibition/Refreshment Corner/Prayer Room
Lobby Gallery	-	B1F	Registration/Cloak/IFFS Lounge/PC Preview Desk/Tokyo City Information Desk
G509	G Block	5F	Hospitality Room
G508	G Block	5F	Speaker Room
G507	G Block	5F	Secretariat

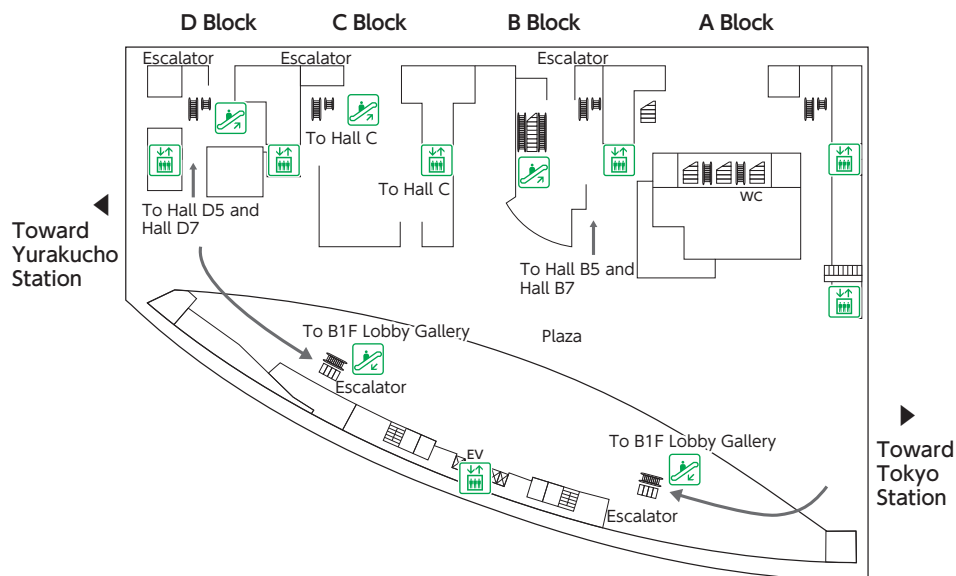
B2F



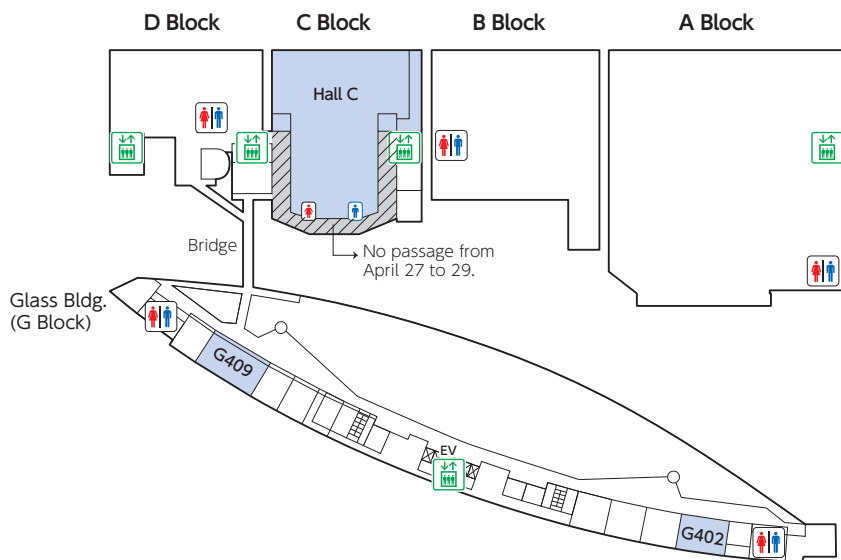
B1F



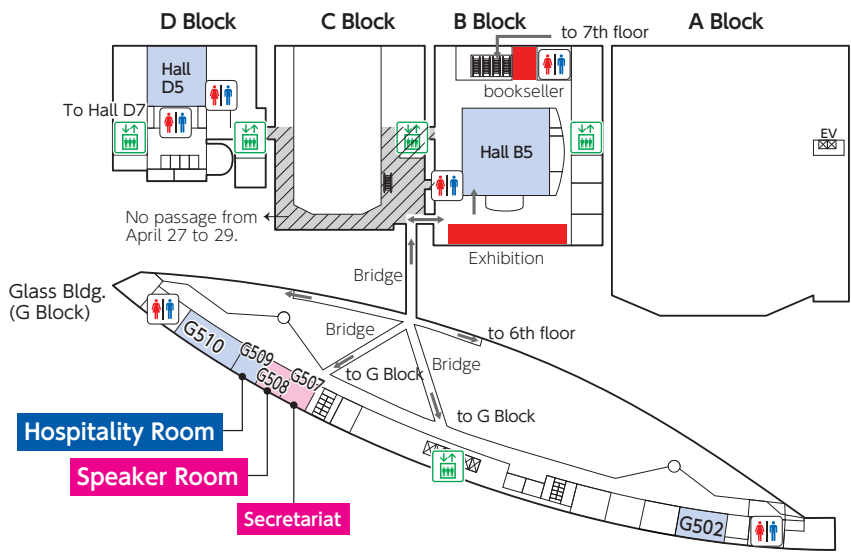
1F



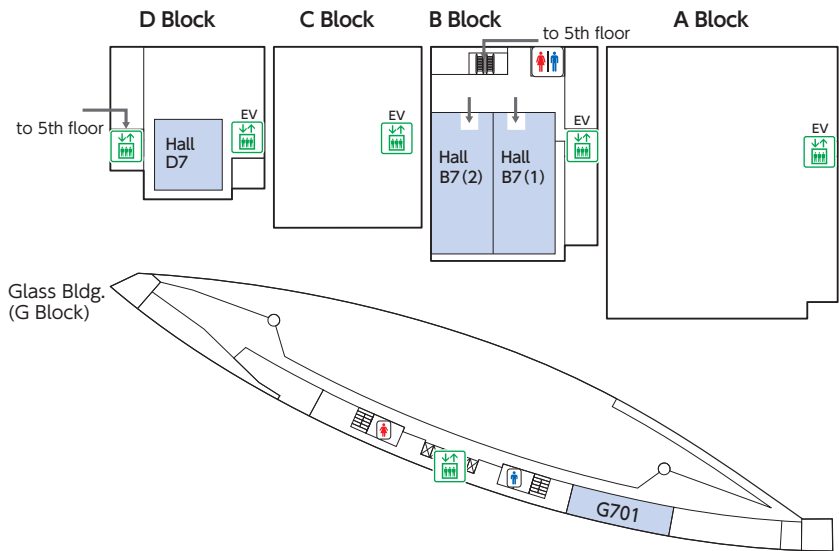
4F



5F



7F



Timetable

Saturday, Apr. 26

IFFS2025				
Hall C	Hall D7	Hall D5	G701	G502
8:00				
8:30				
9:00	HD-01 Modern management of male infertility	FD-01 CANCELLED	FD-02 Embryo Transfer Simulation Course	HD-02 The ART of Japanese-style MAR
9:30				
10:00				
10:30				
11:00				
11:30				
12:00				
12:30				
13:00	HD-03 Repeat Implantation Failure/Repeat IVF Failure	FD-01 CANCELLED	FD-02 Embryo Transfer Simulation Course	HD-04 The art of MAR: Quality management kaizen
13:30				
14:00				
14:30				
15:00				
15:30				
16:00	IFFS2025 Opening Ceremony			
16:30				
17:00				
17:30				
18:00				
18:30				

IFFS2025				
G510	G402	G409	Hall E	
				8:00
				8:30
				9:00
FD-03/HD-06 Strategy for the treatment of intrauterine cavity Covidien/Medtronic Sponsored	FD-04/HD-07 Laparoscopy in 2025 Johnson & Johnson Sponsored			9:30
				10:00
				10:30
				11:00
				11:30
				12:00
				12:30
FD-03 Strategy for the treatment of intrauterine cavity Covidien/Medtronic Sponsored HANDS-ON		FD-04 Laparoscopy in 2025 Johnson & Johnson Sponsored HANDS-ON	Exhibition	13:00
				13:30
				14:00
				14:30
				15:00
				15:30
				16:00
				16:30
				17:00
			Welcome Reception	17:30
				18:00
				18:30

Please check the web or app version for the latest program.

Sunday, Apr. 27

IFFS2025				
Hall B7-2	Hall B5	Hall D7	Hall D5	G502
	Morning Seminar 1 Control ovarian stimulation and clinical outcome Chair: Kaori Miyazaki Speakers: Nikolaos Polyzos, Masato Kobanawa Sponsored by Ferring Pharmaceuticals Co., Ltd.		Morning Seminar 2 Next stage of ART technology in JAPAN Chair: Atsumi Yoshida Speaker: Tetsunori Mukaida Sponsored by System Road Co., Ltd.	Morning Seminar 3 Immunosuppressive treatment with Tacrolimus for women with repeated implantation failure and recurrent pregnancy loss Chair: Takeshi Iwasa. Speaker: Koji Nakagawa Sponsored by SUGITAMA MEMORIAL FOUNDATION
OD Trilogy 1: Medical and surgical management of male infertility ☆ Chairs: Antti Perheentupa (Finland) Akira Tsujimura (Japan) Speakers: Noora Kotaja (Finland) Koichi Nagao (Japan) Peter Liu (USA)	OD Trilogy 2: Access to and economics of reproductive care in LMIC ★ Chairs: Bart Fauser (Netherlands) Takashi Murakami (Japan) Speakers: Budi Wiweko (Indonesia) Marcos Horton (Argentina) Oladapo Ashiru (Nigeria)	OD Symposium 1: Overcoming obstacles to reproductive care & Tokyo Declaration Chair: Eileen Manalo (Philippines) Speakers: Luca Gianaroli (Italy) Michiko Taniguchi (Japan) Edgar Mocanu (Ireland) Sonia Allan (Australia)	Oral 1 ART 1 Oral 3 ART 2	Oral 2 Endocrinology and PCOS 1
OD Keynote 1: Immunology of reproduction: opportunity for clinical applications Chair: Alan DeCherney (USA) Speaker: Sarah Robertson (Australia)				
OD Eponymous 1: Jean Cohen Endowed Lecture Genetic determinants in POI and early menopause Chair: Joe Leigh Simpson (USA) Speaker: Yingying Qin (China)				
Luncheon Seminar 1 Optimising clinical outcomes in ART: The power of individualization Chair: Atsushi Tanaka Speakers: Human M. Fatemi, Yoshimasa Asada Sponsored by Merck Healthcare KGaA	Luncheon Seminar 2 How will Artificial Intelligence Impact Assisted Reproduction Practice, Embryologists, and Physicians Chair: Miyuki Harada Speaker: Jacques Cohen Sponsored by Kitazato Corporation	Luncheon Seminar 3 Potential for Innovations in ART Brought by Regenerative Medicine Technology Chair: Hiroaki Shibahara Speakers: Kankanam Ganage Sanath Udayanga, Masayuki Shimada Sponsored by ROHTO Pharmaceutical Co., Ltd.	Luncheon Seminar 4 Follitropin delta: A 10-year data-driven journey Chair: Yutaka Osuga Speakers: Bart C.J.M Fauser, Manuel Fernández Sponsored by Ferring Pharmaceuticals Co., Ltd.	Luncheon Seminar 5 Challenge to Achieve 100% Fertilization Rate - The Future of ICSI Evolved by Assisted Sperm Fusion Insemination (ASFI). Chair: Shiro Ohji. Speaker: Shota Hatakeyama Sponsored by REPROLIFE
OD Keynote 2: Horizontal scanning: where are we heading towards? Chair: Richard Kennedy (UK) Speaker: Yutaka Osuga (Japan)				
OD IFFS President Invited Lecture Cell biological mechanisms of aging-associated egg encephaloidy Chair: Aleksandar Rajkovic (USA) Speaker: Tomoya Kitajima (Japan)		Chair(s): Fayeofori Iketubosin (Nigeria) Panelists: Kingsley Agholor (Nigeria) Fiadje Kwasi Motse (Togo) Osamu Hiraike (Japan) Tomoko Nakamura (Japan) Rudi Campo (Belgium)		
OD Trilogy 3: Embryology 2025 - State of the ART ★ Chairs: Kelly Tilleman (Belgium) Yoshiharu Morimoto (Japan) Speakers: Sanna Vuoristo (Finland) Tetsunori Mukaida (Japan) Lan N Vuong (Viet Nam)	OD Trilogy 4: Recurrent pregnancy loss Chairs: Steven Ory (USA) Mayumi Sugiura-Ogasawara (Japan) Speakers: Inmaculada Moreno (Spain) Fuminori Kimura (Japan) Aleksandar Rajkovic (USA)	OD Panel Discussion 1: Should all uterine pathologies be treated? OD Debates 1: Non-obstructive azoospermia and varicocele-treat or not? Chair: Yasushi Yumura (Japan) Speakers: Koji Shiraishi (Japan) Ranjith Ramasamy (UAE)	Oral 4 Regenerative Medicine/Stem cells 1 Oral 7 Ovary/ POI 1 Oral 12 Fertility preservation	Oral 5 Andrology + male infertility 1 Oral 8 Ethics and law JSRM Sponsored Symposium 1 GnRH antagonist & Uterine Fibroids Chair: Yasushi Hirota Speakers: Takeshi Iwasa, Osamu Yoshino Sponsored by ASKA Pharmaceutical Co., Ltd.
OD Symposium 3: Real data and global fertility knowledge Chairs: Steven Ory (USA) David Adamson (USA) Speakers: Zi-Jiang Chen (China) Oladapo Ashiru (Nigeria) Seung Chik Jwa (Japan) Sanu Maiya Shrestha Pradhan (Nepal)	OD Symposium 4: Environmental impact on reproductive competence ★ Chair: Antti Perheentupa (Finland) Speakers: Linda Giudice (USA) Amy Padula (USA) Wei Huang (China) Pauliina Dandimopoulou (Sweden)	Oral 11 Embryology 1		

★: 日本専門医機構領域講習 (産婦人科) ☆: 日本専門医機構領域講習 (泌尿器科) ◆: 生殖医療従事者講習
OD : On-Demand (to be streamed from May 20 to June 10)

IFFS2025		JSRM70	IFFS2025		
G510	G409	Hall B7-1	Hall E	Hall B5 Foyer	
		JSRM Morning Seminar 1 A prospective randomized study evaluating timeline culture system versus conventional system for preimplantation embryo development with sibling oocytes Sponsored by VITROLIFE GROUP	Poster Mounting		8:00
					8:30
		JSRM70 Opening Ceremony			9:00
Society Symposium 1 (ASPIRE): Challenging Paradigms in Fertility -AMH, Endometriosis, Endometrial Receptivity In PCOS Chairs: Clare Boothroyd (Australia) Chii-Ruey Tzeng (Taiwan) Speakers: Chii-Ruey Tzeng (Taiwan) Clare Boothroyd (Australia) Duru Shah (India)	Society Symposium 2 (ASRM): Speakers: Michael Thomas (USA) Kim Thornton (USA) Jared Robins (USA)	OD JSRM Symposium 1 Tips for Frozen-Thawed Embryo Transfer to Enhance Pregnancy Rates		Exhibition	9:30
		OD JSRM Symposium 2 Male Infertility Forum: Improving Infertility by Urological Involvement	Poster Viewing		10:00
					10:30
		OD JSRM 70th Anniversary Mini Symposium Japan Society for Reproductive Medicine: 70 Years of Progress and a Leap into the Future			11:00
					11:30
					12:00
					12:30
Luncheon Seminar 6 Treatment strategy for endometriosis as preconception care Chair: Mikio Momoda Speaker: Fuminori Kimura Sponsored by Mochida Pharmaceutical Co., Ltd.	General Assembly -Part 1-	JSRM Luncheon Seminar 1 Reconsidering FT Catheter Treatment in the Context of Insurance Coverage for IVF Sponsored by Terumo Corporation			13:00
					13:30
		OD JSRM Symposium 3 Reproductive Medicine: Bridging Basic and Clinical Practices			14:00
					14:30
Symposium 2 Lifestyle, infertility therapies and pregnancy health optimisation Chair: Marcos Horton (Argentina) Speakers: Luca Gianaroli Edgar Mocanu Gian Carlo Di Renzo		OD JSRM Symposium 4 My Strategies for Obtaining High-Quality Embryos			15:00
	Oral 6 Uterus diseases	OD JSRM Symposium 5 Genome Editing and Reproductive Medicine	Poster Presentation Discussion		15:30
Oral 9 Early Pregnancy loss 1	Oral 10 Endometriosis 1	OD JSRM Symposium 6 The Japanese Society of Reproductive Medicine SIG "Oocytes and Embryogenesis": Cutting Edge in Implantation			16:00
					16:30
Society Symposium 3 (IFS): RIF, Evolving landscape Chairs: Jain Kuldeep (India) Kanad Dev Nayar (India) Speakers: Neena Malhotra (India) Shweta Mittal (India) Sudha Prasad (India) Moderators: Sonia Malik (India) Gaurav Majumdar (India) Panelists: Kanad Dev Nayar (India) Umesh Jinda (India) Surveen Ghumman (India) Suhani Chandra (India)	Society Symposium 4 (IFA): Chairs: Eran Horowitz (Israel) Shai E Elizur (Israel) Speakers: Howard Carp (Israel) Hadar Amir (Israel) Ettie Maman (Israel)	OD JSRM Symposium 7 Efforts to Cases Where High-Quality Embryos Cannot Be Obtained	Poster Removal		17:00
					17:30
					18:00
					18:30

Please check the web or app version for the latest program.

Monday, Apr. 28

IFFS2025				
	Hall B7-2	Hall B5	Hall D7	Hall D5
				G502
8:00				
8:30				JSRM Morning Seminar 2 rFSH in Individualized Controlled Ovarian Stimulation Sponsored by Merck Biopharma Co., Ltd.
9:00				Morning Seminar 4 <i>[Morning Dopl], Preconception Care – key points</i> <i>reproductive medicine specialists should practice</i> Chair: Masahide Shiotani Speakers: Akira Iwase, Kiyotaka Kawai Sponsored by ORGANON
9:30	OD Keynote 3: Declining fertility rates - time to take action Chair: David Adamson (USA) Speaker: Bart Fauser (Netherlands)		Reproductive Medicine Coordinator Workshop	
10:00	OD Eponymous 2: FIGO Hubert De Watteville Endowed Lecture Chair: Edgar Mocanu (Ireland) Speaker: Cynthia Farquhar (New Zealand)			
10:30				
11:00	OD Trilogy 5: Premature ovarian insufficiency ★ Chairs: Joe Leigh Simpson (USA) Satoko Oseika (Japan) Speakers: Yingying Qin (China) Elinor Chelsom Vogt (Norway) Kazuhiro Kawamura (Japan)	OD Symposium 5: Male infertility: Good diagnosis = excellent management ☆ Chair: Hisanori Taniguchi (Japan) Speakers: Koji Shiraiishi (Japan) Dimitrios Goulis (Greece) Shoichi Nariyoshi (Japan)		OD Trilogy 6: The female metabolic syndrome Chairs: Bart Fauser (Netherlands) Miyuki Harada (Japan) Speakers: Helena Teede (Australia) Zi-Jiang Chen (China) Efstratos Kolibianakis (Greece)
11:30			Oral 14	Oral 13 ART 3
12:00			PGT	Oral 15 ART 4
12:30	Luncheon Seminar 7 Clinical practice and real-world evidence in follitropin delta Chair: Masahide Shiotani Speakers: Alexander Freis, Takeshi Iwasa Sponsored by Ferring Pharmaceuticals Co., Ltd.	Luncheon Seminar 8 Establishment and Perspectives of custom-made ex utero mouse embryo culture system Speaker: Akihiro Nita Sponsored by Astec Co., Ltd.	Luncheon Seminar 9 Chronic Endometritis and the Endometrial Microbiome - Key Insights for Reproductive Health Chair: Koichi Kyono Speakers: Yasushi Hirota, Yue Wang Sponsored by Varnos Inc.	Luncheon Seminar 10 The next generation of PGT-A Chair: Yutaka Osuga Speakers: Tony Gordon, Takumi Takeuchi Sponsored by CooperSurgical Japan K.K.
13:00				Luncheon Seminar 11 Clinical Approaches to Infertility Treatment in Asia -Regional Practices and Challenges- Chair: Keiichi Kato Speakers: Tomoya Segawa, Rüdiger Frederick B. Mandlitz Sponsored by EIKEN CHEMICAL CO., LTD./ Ioschi Corporation
13:30	OD Keynote 4: PGT: advances and pitfalls Chair: Svetlana Madjunkova (Canada) Speaker: Svetlana Rechitsky (USA)			
14:00				
14:30	OD Trilogy 7: Genetic assessment of embryos ◆ Chairs: Luca Gianaroli (Italy) Mitsutoshi Yamada (Japan) Speakers: Nasser Al-Asmar (Spain) Yukihiro Terada (Japan) Svetlana Madjunkova (Canada)	OD Trilogy 8: Endometriosis and infertility Chairs: Linda Giudice (USA) Fuminori Taniguchi (Japan) Speakers: Kaori Koga (Japan) Christian M. Becker (UK) Horace Roman (France)	Oral 16 Endocrinology and PCOS 2	Oral 17 Andrology + male infertility 2
15:00				Oral 18 Endometriosis 2 Basic Science
15:30			Oral 19 Endocrinology and PCOS 3	Oral 20 Global Health
16:00	OD Society Symposium 9 (CARM): Clinical Research in ART: Science & Art Converge	OD Symposium 6: Diagnosis and management of uterine pathology ★ Chair: Rishma Pai (India) Speakers: Norihiro Sugino (Japan) Jain Kuldeep (India) Yasushi Hirota (Japan)	OD Panel Discussion 2: INFLAMMATION in HR: Chronic endometritis, Surgery or antibiotics - that is the question! Chairs: Keiji Kuroda (Japan) Ettore Ciceinelli (Italy) Panelists: Inmaculada Moreno (Spain) Fuminori Kimura (Japan) Kotaro Kitaya (Japan)	Oral 21 Endometriosis 3 Clinical
16:30				Oral 22 Counselling
17:00				Oral 23 Reproductive Genetics 1
17:30				
18:00	General Chair: Zi-Jiang Chen (China) Chair: Yingying Qin (China) Speaker: Xiaoyan Liang (China) Panelists: Qun Lu (China) Lihong Pang (China) Xiaokui Yang (China)	Chair: Yanlin Ma (China) Speaker: Jiayin Liu (China) Panelists: Wenpei Xiang (China) Xianghong Ou (China) Linlin Cui (China)	Chair: Caihong Ma (China) Speaker: Ge Lin (China) Panelists: Yun Liu (China) Jichun Tan (China) Yuan Gao (China)	Sponsored Symposium How many oocytes should be retrieved in one oocyte retrieval to ensure at least one euploid blastocyst in ART treatment? Chair: Bepko Iskenderia Speakers: Koji Nakagawa Sponsored by Merck Biopharma Co., Ltd.
18:30				

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Tuesday, Apr. 29

IFFS2025				
Hall B7-1	Hall B7-2	Hall B5-1	Hall B5-2	Hall D7
				Morning Seminar 7 ※Invitation Only Independent Medical Education program, sponsored by Merck Healthcare KGaA
OD Trilogy 9 : Ovarian stimulation in ART ★ Chairs: Basil Tarlatzis (Greece) Atsushi Tanaka (Japan) Speakers: Keiichi Kato (Japan) Xiaoyan Liang (China) Rishma Pai (India)	OD Symposium 7: Challenges and opportunities in Reproductive Medicine ◆ Chair: Francis Garcia (Mexico) Yuki Enomoto (Japan) Elif Göknur Topçu (Türkiye) Zahra Muslim (Pakistan) Zhongwei Huang (Singapore) Sezin Eda Karşlı (Türkiye)	OD Symposium 8: Expanded Carrier Genetic Screening for Autosomal Recessive and X-linked Conditions Chair: Joe Leigh Simpson (USA) Speakers: Lee Shulman (USA) Aleksander Rajkovic (USA) Anthony Gregg (USA)	Oral 24 Regenerative Medicine/Stem cells 2	Oral 25 Reproductive Surgery
			Oral 28 Endocrinology and PCOS 4	Oral 29 Embryology 2
OD Keynote 5: Modeling human implantation in vitro Chair: Marcos Horton (Argentina) Speaker: Takahiro Arima (Japan)				
OD Eponymous 3: David Healy Endowed Lecture Chair: Dimitrios Goulis (Greece) Speaker: Ranjith Ramasamy (UAE)				
Luncheon Seminar 14 Exploring rFSH: The Key to Optimal Individualized Controlled Ovarian Stimulation Chair: Masahide Shiotani Speakers: Monica Lipi, Masato Kobanawa Sponsored by Merck Biopharma Co., Ltd.	Luncheon Seminar 15 Role of lipid droplets in mammalian eggs Chair: Aki Oka Speakers: Satoshi Tsukamoto, Satoshi Takiguchi Sponsored by NIKON SOLUTIONS CO., LTD.	Luncheon Seminar 16 Embryo Transfer and Luteal Phase Support Chair: Norihiro Sugino Speakers: Keiichi Kato, Yukiko Katagiri Sponsored by ASKA Pharmaceutical Co., Ltd.		Luncheon Seminar 17 Reshaping the Key Principle in Cryopreservation: From Multi-step to Single-step Exposure at Warming. Chair: Takumi Takeuchi Speaker: Jaegen Lieberman Sponsored by FUJIFILM Wako Pure Chemical Corporation
	OD Debates 2: FER - natural or HRT controlled? Chair: Alan DeCherney (USA) Speakers: Kazuki Saito (Japan) Lan Vuong (Viet Nam)	OD Panel Discussion 3: What add-ons "add" really beneficial outcomes? Chairs: Akira Iwase (Japan) Richard Kennedy (UK) Panelists: Richard Kennedy (UK) Mitsutoshi Yamada (Japan) J. Ricardo Lorent de Mola (USA) Amecet Patki (India) Luca Gianaroli (Italy)	Oral 32	Oral 33
OD Trilogy 10: Fertility preservation Chairs: Eileen Manalo (Philippines) Yasushi Takai (Japan) Speakers: Roseanne Rosario (UK) Nao Suzuki (Japan) Lillian Meacham (USA)	OD Debates 3: Challenges to the Access of Fertility Care Today Chair: Basil Tarlatzis (Greece) Speakers: Frank Chervenak (USA) Richard Kennedy (UK)	OD Panel Discussion 4: New ovarian stimulation protocols. Are they better?	ART 5	Andrology + male infertility 3
			Oral 36 ART 6	Oral 37 Reproductive Genetics 2
Closing Ceremony		<div>Chairs: Rishma Pai (India) Nandita Palshetkar (India) Panelists: Hrishikesh Pai (India) Efstratios Kolibianakis (Greece) Amecet Patki (India) Ashish Parulekar (India) Rudie Frederick Mendiola (Philippines) Marcos Horton (Argentina)</div>		

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OD : On-Demand (to be streamed from May 20 to June 10)

IFFS2025						
Hall D5	G502	G510	G409	Hall E		Hall B5 Foyer
						7:00
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Please check the web or app version for the latest program.

Program

IFFS2025 Program

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JSRM Symposium 1-13
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IFFS2025 Program

Keynote 1

OD

Apr. 27 (Sun.) 10:45-11:30 Hall B7-2

Chair(s): Alan DeCherney (USA)

K1-1 Immunology of reproduction: opportunity for clinical applications

Sarah Robertson, *Robinson Research Institute and School of Biomedicine, The University of Adelaide, Australia*

Keynote 2

OD

Apr. 27 (Sun.) 13:40-14:25 Hall B7-2

Chair(s): Richard Kennedy (UK)

K2-1 Horizontal scanning: where are we heading towards?

Yutaka Osuga, *Teikyo Academic Research Center, Tokyo, Japan*

Keynote 3

OD

Apr. 28 (Mon.) 9:00-9:45 Hall B7-2

Chair(s): David Adamson (USA)

K3-1 Declining fertility rates - time to take action

Bart Fauser, *University of Utrecht & Utrecht Medical Center, Netherlands*

Keynote 4

OD

Apr. 28 (Mon.) 13:40-14:25 Hall B7-2

Chair(s): Svetlana Madjunkova (Canada)

K4-1 PGT: advances and pitfalls

Svetlana Rechitsky, *PGT, Reproductive Genetic Innovations (RGI), USA*

Keynote 5

OD

Apr. 29 (Tue.) 11:00-11:45 Hall B7-1

Chair(s): Marcos Horton (Argentina)

K5-1 Modeling human implantation in vitro

Takahiro Arima, *Tohoku University Graduate School of Medicine, Sendai, Japan*

Eponymous 1

OD

Apr. 27 (Sun.) 11:30-12:15 Hall B7-2

Jean Cohen Endowed Lecture

Chair(s): Joe Leigh Simpson (USA)

E1-1 Multidimensional Exploration of Ovarian Aging: Influencing Factors and Early Interventions

Yingying Qin, *Shandong University, Jinan, Shandong, China*

Eponymous 2

OD

Apr. 28 (Mon.) 9:45-10:30 Hall B7-2

FIGO Hubert De Watteville Endowed Lecture

Chair(s): Edgar Mocuano (Ireland)

E2-1 Evidence to Action: how well is the evidence for fertility treatments translated into action?

Cynthia Farquhar, *University of Auckland, Auckland, New Zealand*

Eponymous 3

OD

Apr. 29 (Tue.) 11:45-12:30 Hall B7-1

David Healy Endowed Lecture

Chair(s): Dimitrios Goulis (Greece)

E3-1 Advancing Male Fertility Care: Innovations and Insights

Ranjith Ramasamy, *Men's Health, Jumeirah American Clinic, Dubai, UAE*

IFFS President Invited Lecture

OD

Apr. 27 (Sun.) 14:25-15:10 Hall B7-2

Chair(s): Aleksandar Rajkovic (USA)

E2-1 Cell biological mechanisms of aging-associated egg aneuploidy

Tomoya Kitajima, *RIKEN Center for Biosystems Dynamics Research, Kobe, Japan*

Trilogy 1

**OD**

Apr. 27 (Sun.) 9:00-10:30 Hall B7-2

Medical and surgical management of male infertility

Chair(s): Antti Perheentupa (Finland), Akira Tsujimura (Japan)

T1-1 Small non-coding RNAs in male fertility

Noora Kotaja, *Institute of Biomedicine, University of Turku, Turku, Finland*

T1-2 One-day Vasectomy Reversal under local anesthesia

Koichi Nagao, *Ginza Reproductive Surgery Clinic, Professor Emeritus, Toho University, Japan*

T1-3 Medical management of male infertility

Peter Liu, *The Lundquist Institute at Harbor-UCLA Medical Center, Torrance, USA*

Trilogy 2

**OD**

Apr. 27 (Sun.) 9:00-10:30 Hall B5

Access to and economics of Reproductive Care in LMIC

Chair(s): Bart Fauser (Netherlands), Takashi Murakami (Japan)

T2-1 Time to Pregnancy and Perinatal Outcome in Affordable IVF

Budi Wiweko, *Universitas Indonesia, Depok, West Java, Indonesia*

T2-2 ACCESS TO REPRODUCTIVE CARE IN LATIN AMERICA

Marcos Horton, *Assisted Reproduction, Pregna Reproductive Medicine, Buenos Aires, Argentina*

T2-3 ACCESS TO AND ECONOMICS OF PRODUCTIVE CARE IN LMICs.

Oladapo Ashiru, *IVF, Institute of Assisted Reproductive Technology, Medical ART Center, MART Group of Health Services, Lagos, Nigeria*

Trilogy 3

**OD**

Apr. 27 (Sun.) 15:20-16:40 Hall B7-2

Embryology 2025 - State of the ART

Chair(s): Kelly Tilleman (Belgium), Yoshiharu Morimoto (Japan)

T3-1 Deciphering embryonic cell fate: insights from micro-RNAs and nuclear mechanics

Sanna Vuoristo, *Faculty of Medicine, Stem Cells and Metabolism Research Program, University of Helsinki, Finland*

T3-2 Maximizing ART Laboratory performance with Piezo ICSI, Time-lapse monitoring and PGT-A program with both CNV and SNV analysis

Tetsunori Mukaida, *Hiroshima HART Clinic, Hiroshima, Japan*

T3-3 EMBRYOLOGY 2025 – STATE-OF-THE-ART

Lan N Vuong, *University of Medicine and Pharmacy at Ho Chi Minh City, Viet Nam*

Trilogy 4

OD

Apr. 27 (Sun.) 15:20-16:40 Hall B5

Recurrent pregnancy loss

Chair(s): Steven Ory (USA), Mayumi Sugiura-Ogasawara (Japan)

T4-1 A Matter of Dodgy Microbes: The Role of the Endometrial Microbiome in Infertility

Inmaculada Moreno, *Carlos Simon Foundation - INCLIVA, Paterna, Valencia, Spain*

T4-2 Chronic Endometritis in Recurrent Pregnancy Loss

Fuminori Kimura, *Nara Medical University, Nara, Japan*

T4-3 Decoding the Mystery of Recurrent Pregnancy Loss: Revelations from Genome Sequencing

Aleksandar Rajkovic, *University of California, San Francisco, USA*

Trilogy 5



OD

Apr. 28 (Mon.) 10:45-12:15 Hall B7-2

Premature Ovarian Insufficiency

Chair(s): Joe Leigh Simpson (USA), Satoko Osuka (Japan)

T5-1 Maintenance of Genomic Stability and Ovarian Aging

Yingying Qin, *Shandong University, Jinan, Shandong, China*

T5-2 ESHRE POI guidelines. What is new?

Elinor Chelsom Vogt, *Haukeland University Hospital, Bergen, Norway*

T5-3 In vitro activation (IVA): Current and future

Kazuhiro Kawamura, *Juntendo University Faculty of Medicine, Tokyo, Japan*

Trilogy 6

OD

Apr. 28 (Mon.) 10:45-12:15 Hall D5

The female metabolic syndrome

Chair(s): Bart Fauser (Netherlands), Miyuki Harada (Japan)

T6-1 PCOS; An endocrine, reproductive, metabolic condition.

Helena Teede, *Centre for Research Excellence in Reproductive Life, Monash University, Melbourne, Australia*

T6-2 Advancing PCOS Sub-phenotyping through Global Collaboration: Insights and Innovations

Zi-Jiang Chen, *Institute of Women, Children and Reproductive Health, Shandong University, Jinan, China*

T6-3 The Effect of Metabolic Syndrome in Women with Polycystic Ovary Syndrome Women Undergoing Assisted Reproductive Technology.

Efstratios Kolibianakis, *Aristotle University of Thessaloniki, Thessaloniki, Greece*

Trilogy 7



OD

Apr. 28 (Mon.) 14:35-16:05 Hall B7-2

Genetic assessment of embryos

Chair(s): Luca Gianaroli (Italy), Mitsutoshi Yamada (Japan)

T7-1 Embryo chromosomal analysis: 30 years of experience. When, whom and why?

Nasser Al-Asmar, *Reproductive Genetics, Igenomix, part of Vitrolife Group, Valencia, Spain*

T7-2 Early Embryonic Division and Chromosomal Aberrations: Learning from Live Imaging of Human Embryos

Yukihiro Terada, *Akita University Graduate School of Medicine, Akita, Japan*

T7-3 Self-correction of embryos and relevance to successful mosaic embryo transfer (TBC)

Svetlana Madjunkova, *University of Toronto, Toronto, Canada*

Trilogy 8

OD

Apr. 28 (Mon.) 14:35-16:05 Hall B5

Endometriosis and infertility

Chair(s): Linda Giudice (USA), Fuminori Taniguchi (Japan)

T8-1 Best Practices for Endometriosis Surgery to Improve Fertility

Kaori Koga, *Reproductive Medicine, Chiba University, Chiba, Japan*

T8-2 Evidence based management of endometriosis (TBC)

Christian M.Becker, *Department of Women's and Reproductive Health, University of Oxford, UK*

T8-3 Advanced endometriosis surgery for the infertile

Horace Roman, *IFEMEndo, Clinic Tivoli-Ducos, Bordeaux, France*

Trilogy 9



OD

Apr. 29 (Tue.) 9:00-10:30 Hall B7-1

Ovarian Stimulation in ART

Chair(s): Basil Tarlatzis (Greece), Atsushi Tanaka (Japan)

T9-1 Mild Stimulation in ART -No use of pituitary suppression-

Keiichi Kato, *Kato Ladies Clinic, Tokyo, Japan*

T9-2 Optimizing Ovarian Stimulation for PGD: Evidence from a Single-Center Experience

Xiaoyan Liang, *The Sixth Affiliated Hospital, Sun Yat-sen University, China*

T9-3 ART in PCOS patients.

Rishma Pai, *Lilavati Hospital, Mumbai, India*

Fertility preservation

Chair(s): Eileen Manalo (Philippines), Yasushi Takai (Japan)

T10-1 Is anti-Mullerian hormone really a good chemoprotectant?

Roseanne Rosario, *The University of Edinburgh, Edinburgh, UK*

T10-2 Topics on Ovarian Tissue Cryopreservation (Vitrification) and Ovarian Tissue Transplantation

Nao Suzuki, *St. Marianna University School of Medicine, Kawasaki, Japan*

T10-3 Fertility preservation guidelines for childhood, adolescent and young adult (CAYA) cancer patients: a report from the international late effects of childhood cancer guideline harmonization group (IGHG)

Lillian Meacham, *Pediatric Hematology Oncology, Emory University, Aflac Cancer Center, Children's Healthcare of Atlanta, Atlanta, USA*

Symposium 1

OD

Apr. 27 (Sun.)

9:00-10:30

Hall D7

Overcoming obstacles to reproductive care & Tokyo Declaration

Chair(s): Eileen Manalo (Philippines)

S1-1 Restrictive laws-who do they serve?

Luca Gianaroli, *IIRM - International Institute of Reproductive Medicine*

S1-2 Women's Health Policies in Japan: A Lifelong Perspective

Michiko Taniguchi, *Ministry of Health, Labour and Welfare, Japan*

S1-3 More Joy - an update

Edgar Mocanu, *Rotunda Hospital and Royal College of Surgeon, Dublin, Ireland*

S1-4 Legal Influences on Access to Assisted Reproductive Technologies

Sonia Allan, *School of Law, University of New England, New South Wales, Australia*

Symposium 2

OD

Apr. 27 (Sun.)

14:25-15:25

G510

Lifestyle, infertility therapies and pregnancy health optimisation

Chair(s): Marcos Horton (Argentina)

S2-1 Link between nutrition and fertility and strategies to improve fertility

Luca Gianaroli, *IIRM - International Institute of Reproductive Medicine, Italy*

S2-2 The preconception in ART

Edgar Mocanu, *Rotunda Hospital and Royal College of Surgeon, Dublin, Ireland*

S2-3 Critical elements in nutrition for an optimal outcome in ART pregnancy

Gian Carlo Di Renzo, *Past General Secretary of FIGO University of Perugia, Italy*

Symposium 3

OD

Apr. 27 (Sun.) 17:00-18:30 Hall B7-2

Real data and global fertility knowledge

Chair(s): Steven Ory (USA), David Adamson (USA)

S3-1 Management of ART: Keeping up with the Technological Innovation

Zijiang Chen, *Institute of Women, Children and Reproductive Health, Shandong University, China*

S3-2 Real Data & Global Fertility Knowledge: A Global and Regional Trends Study.

Oladapo Ashiru, *IVF, Institute of Assisted Reproductive Technology, Medical Art Center (Mart group of health services), Ikeja, Lagos, Nigeria*

S3-3 Japanese ART Registry: A System for Evaluating Effectiveness, Safety, and Policy Impact in Assisted Reproductive Technology

Seung Chik Jwa, *Department of Obstetrics and Gynecology, Jichi Medical University, Tochigi, Japan*

S3-4 "Current Status and Challenges of Assisted Reproductive Technology (ART) Services in Nepal"

Sanu Maiya Shrestha Pradhan, *Creator's IVF Nepal Pvt. Ltd., Lalitpur, Nepal*

Symposium 4



OD

Apr. 27 (Sun.) 17:00-18:30 Hall B5

Environmental impact on reproductive competence

Chair(s): Antti Perheentupa (Finland)

S4-1 Endocrine Disrupting Chemicals and Impacts on Reproductive Competence and Health

Linda Giudice, *University of California, San Francisco, USA*

S4-2 Impact of Traffic Pollution and Wildfire Smoke on Reproductive Outcomes

Amy Padula, *University of California, San Francisco, USA*

S4-3 Air Pollution, Heat Stress, Preconceptional Thyrotropin Abnormalities, and the Risk of Preterm Birth

Wei Huang, *Department of Occupational and Environmental Health, Peking University School of Public Health, Beijing, China*

S4-4 Environmental Chemical Exposures, Follicle Growth, and Embryo Quality

Pauliina Damdimopoulou, *Department of Clinical Science, Intervention and Technology, Karolinska Institutet, Stockholm, Sweden*

Symposium 5

**OD**

Apr. 28 (Mon.) 10:45-12:15

Hall B5

Male infertility: Good diagnosis = excellent management

Chair(s): Hisanori Taniguchi (Japan)

S5-1 Good endocrinological evaluations optimize the maximum outcome of infertility treatmentKoji Shiraishi, *Urology, Yamaguchi University, Ube, Japan***S5-2 Genetic assessment of male infertility**Dimitrios Goulis, *Aristotle University of Thessaloniki, Unit of Reproductive Endocrinology, Thessaloniki, Greece***S5-3 US imaging in male infertility**Shoichi Nariyoshi, *MR Sho Clinic, Fukuoka, Japan*

Symposium 6

**OD**

Apr. 28 (Mon.) 16:10-17:40

Hall B5

Diagnosis and management for uterine pathology

Chair(s): Rishma Pai (India)

S6-1 Establishment of prediction models for collagen content in uterine fibroids by machine learning using MRI data and prediction of the effect of gonadotropin-releasing hormone analogs (GnRHAs).Sugino Norihiro, *Yamaguchi University Graduate School of Medicine, Ube, Japan***S6-2 surgical management of fibroid - art of myomectomy**Jain Kuldeep, *Reproductive Medicine, KJIVF and Laparoscopy Centre, Delhi, India***S6-3 Adenomyosis: From Pathophysiology to Fertility-Preserving Surgery - Optimizing Outcomes in Reproductive Medicine**Yasushi Hirota, *The University of Tokyo, Tokyo, Japan*

Symposium 7



OD

Apr. 29 (Tue.) 9:00-10:30 Hall B7-2

Challenges and opportunities in Reproductive Medicine

Chair(s): Francis Garcia (Mexico), Yuki Enomoto (Japan)

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- S7-1 IFFS Next Generation Survey on global availability of and training opportunities in Reproductive Endocrinology and Infertility**
Elif Göknur Topçu, *Sisli Kolan International Hospital, Istanbul, Türkiye*
- S7-2 Challenges Couples Encounter in accessing Fertility treatment in Pakistan**
Zahra Muslim, *Riphah International University, IIMC-T, Pakistan*
- S7-3 Reproductive Ageing and Infertility**
Zhongwei Huang, *National University Singapore, National University Hospital, Singapore*
- S7-4 AI-assisted embryo selection: Current research and clinical implications**
Sezin Eda Karsli, *Sanliurfa R&T Hospital, IFFS Next Gen., Türkiye*

Symposium 8

OD

Apr. 29 (Tue.) 9:00-10:30 Hall B5-1

Expanded Carrier Genetic Screening for Autosomal Recessive and X-linked Conditions

Chair(s): Joe Leigh Simpson (USA)

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- S8-1 Expanded Carrier Screening and Heterozygote Status as Health Risk: Changing the Role of Carrier Screening in Preconception Care and How Couples and Individuals Should Be Counseled About Results**
Lee Shulman, *Feinberg School of Medicine of Northwestern University, Chicago, USA*
- S8-2 Carrier rates for prenatal-lethal genomic variants: A case for expanded genetic screening**
Aleksandar Rajkovic, *University of California, San Francisco, USA*
- S8-3 Selecting Autosomal Recessive and X-linked Conditions for Population Based Carrier Screening**
Anthony Gregg, *Prisma Health Midlands, Columbia, South Carolina, USA*

Panel Discussion 1

OD

Apr. 27 (Sun.) 15:20-16:20 Hall D7

Should all uterine pathologies be treated?

Chair(s): Fayeofori Iketubosin (Nigeria)

Panelist(s): Kingsley Agholor, *Nigeria*
Fiadjoe Kwasivi Moïse, *Togo*
Osamu Hiraike, *Japan*
Tomoko Nakamura, *Japan*
Rudi Campo, *Belgium*

Panel Discussion 2

OD

Apr. 28 (Mon.) 16:40-17:40 Hall D7

INFLAMMATION in HR: Chronic endometritis, Surgery or antibiotics – that is the question!

Chair(s): Keiji Kuroda (Japan), Ettore Cicinelli (Italy)

Panelist(s): Inmaculada Moreno, *Spain*
Fuminori Kimura, *Japan*
Kotaro Kitaya, *Japan*

Panel Discussion 3

OD

Apr. 29 (Tue.) 13:55-14:55 Hall B5-1

What add-ons "add" really beneficial outcomes?

Chair(s): Akira Iwase (Japan), Richard Kennedy (UK)

Panelist(s): Richard Kennedy, *UK*
Mitsutoshi Yamada, *Japan*
J. Ricardo Loret de Mola, *USA*
Ameet Patki, *India*
Luca Gianaroli, *Italy*

New ovarian stimulation protocols. Are they better?

Chair(s): Rishma Pai (India), Nandita Palshetkar (India)

Panelist(s): Hrishikesh Pai, *India*

Efstratios Kolibianakis, *Greece*

Ameet Patki, *India*

Ashish Vijay Parulekar, *India*

Rudie Frederick Mendiola, *Philippines*

Marcos Horton, *Argentina*

Debate 1

OD

Apr. 27 (Sun.) 16:25-17:25 Hall D7

Non-obstructive azoospermia and varicocoele-treat or not?

Chair(s): Yasushi Yumura (Japan)

D1-1 Cons

Koji Shiraishi, *Japan*

D1-2 Pros

Ranjith Ramasamy, *UAE*

Debate 2

OD

Apr. 29 (Tue.) 13:55-14:55 Hall B7-2

FER - natural or HRT controlled?

Chair(s): Alan DeCherney (USA)

D2-1 natural

Kazuki Saito, *Japan*

D2-2 HRT

Lan N. Vuong, *Viet Nam*

Debate 3

OD

Apr. 29 (Tue.) 14:55-15:55 Hall B7-2

Challenges to the Access of Fertility Care Today

Chair(s): Basil Tarlatzis (Greece)

D3-1 The right to access fertility therapy

Frank Chervenak, *USA*

D3-2 The reality of fertility access to care

Richard Kennedy, *UK*

Society Symposium 1 (ASPIRE)

Apr. 27 (Sun.)

9:00-10:30

G510

Challenging Paradigms in Fertility -AMH, Endometriosis, Endometrial Receptivity In PCOS

Chair(s): Clare Boothroyd (Australia), Chii-Ruey Tzeng (Taiwan)

SS1-1 AMH levels in Infertile Women in APAC Region - Prospective Study in Multiple Countries, Ethnicities and Centres

Chii-Ruey Tzeng, *Taiwan*

SS1-2 Which to Do First IVF or Resection of Endometriosis in Women with Endometriosis Desiring Fertility

Clare Boothroyd, *Australia*

SS1-3 Is Endometrial Receptivity Different in Women With PCOS

Duru Shah, *India*

Society Symposium 2 (ASRM)

Apr. 27 (Sun.)

9:00-10:30

G409

Diversity, Sustainability and Resilience in Reproductive Medicine

SS2-1 Diversity, Equity, Inclusion, and Belonging in Reproductive Medicine – the US perspective

Michael Thomas, *USA*

SS2-2 Reproductive Medicine and Infertility in the LGBTQIA community

Kim Thornton, *USA*

SS2-3 The Importance and Benefits of Engaging Diverse Populations in Medical Societies

Jared Robins, *USA*

Society Symposium 3 (IFS)

Apr. 27 (Sun.) 17:00-18:30

G510

Poor responders ders - problems and solution

Chair(s): Jain Kuldeep (India), Kanad Dev Nayar (India)

SS3-1 Understanding poor responders

Neena Malhotra, *India*

SS3-2 Duo stim and Bistim for poor ovarian responders

Shweta Mittal Gupta, *India*

SS3-3 Adjuvants: Do they improve stimulation outcomes

Sudha Prasad, *India*

Panel discussion: recurrent implantation failure

Moderator(s): Sonia Malik (India), Gaurav Majumdar(India)

Panelist(s): Kanad Dev Nayar, *India*

Umesh Jinda, *India*

Surveen Ghumman, *India*

Suhani Chandra, *India*

Society Symposium 4 (IFA)

Apr. 27 (Sun.) 17:00-18:30

G409

Chair(s): Eran Horowitz (Israel), Shai E Elizur (Israel)

SS4-1 Biochemical Pregnancies and Their Management

Howard J. A. Carp, *Israel*

SS4-2 Fertility preservation for transgender patients

Hadar Amir, *Israel*

SS4-3 AI in Reproduction- The clinician Perspective

Ettie Maman, *Israel*

Newer insights in RIF

Chair(s): Rishma Pai (India), Ashwini S (India)

SS5-1 Physiology of Implantation and possible causes for RIF

Rishma Pai, *India*

SS5-2 Role of Adjuvants in RIF

Ameet Patki, *India*

SS5-3 Newer Laboratory gadgets & innovations for RIF

Hrishikesh Pai, *India*

Are we close to achieving a breakthrough in RIF management?

Chair(s): Nandita Palshetkar (India), Asha Baxi (India)

Panelist(s): Madhuri Patil, *India*

Rajul Tyagi, *India*

Jyoti Budi, *India*

Seema Pandey, *India*

Keshav Malhotra, *India*

Reema Sirkar, *India*

Society Symposium 6 (FSANZ)

Apr. 28 (Mon.) 10:45-12:15

G409

The Future of IVF Laboratory Work

Chair(s): Petra Wale (Australia)

- SS6-1 Harnessing AI to Transform Laboratory Performance and Empower Embryologists to Focus on What Matters Most – Embryos - A deep dive into how AI can revolutionize IVF labs, enhance performance, and enable embryologists to focus on embryo-centred care**
Dean Morbeck, *Australia*
- SS6-2 Advancing Embryology: Integrating Innovative Technologies to Meet the Growing Demand in IVF - An exploration of cutting-edge advancements, including pronuclear embryo assessment and gamete cryopreservation, to address the rising demand for skilled embryologists and advanced techniques**
Ryan Rose, *Australia*
- SS6-3 From Devices to Diagnosis: Revolutionizing IVF Using Light - Insights into the transformative potential of light in IVF—ranging from precise device fabrication at the microscale to non-invasive imaging and embryo developmental diagnosis**
Kylie Dunning, *Australia*

Society Symposium 7 (AMMR)

Apr. 28 (Mon.) 14:35-16:05

G510

The intersection of Surgery and ART: Enhancing Fertility Through Innovative Techniques

- SS7-1 To scope or not? Debating the role of hysteroscopy in ART**
Martha Luna, *Mexico*
- SS7-2 Fibroid and Adenomyosis related infertility: Innovative treatment strategies for fertility restoration**
Ruben Tlapanco, *Mexico*
- SS7-3 Isthmocele-Related Secondary Infertility: Current insights and advances in reproductive surgery**
Luis Miguel Bedia Sánchez, *Mexico*
- SS7-4 The role of endometrioma management in ART: Innovations and Best Practices**
J. Ricardo Loret de Mola, *USA*

Society Symposium 8 (ESHRE)

Apr. 28 (Mon.) 14:35-16:05

G409

Kaizen and MAR

Chair(s): Bryan Woodward (UK), Kelly Tilleman (Belgium)

SS8-1 Certification to develop knowledge

Bryan Woodward, *UK*

SS8-2 Error management to build resilience

Kelly Tilleman, *Belgium*

Society Symposium 9 (CARM)

Apr. 28 (Mon.) 16:10-17:40 Hall B7-2

Clinical Research in ART: Science & Art Converge

General Chair(s): Zi-Jiang Chen (China)

Clinical Research in ART: Science & Art Converge

Part 1

Chair(s): Yingying Qin (China)

SS9-1 Ovarian Aging and Inflammation: Mechanisms, Biomarkers, and Intervention Strategies

Xiaoyan Liang, *China*

Panelist(s): Qun Lu, *China*

Lihong Pang, *China*

Xiaokui Yang, *China*

Part 2

Chair(s): Yanlin Ma (China)

SS9-2 Research on the Improvement of Fertility in Women with Diminished Ovarian Reserve through Amniotic Mesenchymal Stem Cell Injection

Jiayin Liu, *China*

Panelist(s): Wenpei Xiang, *China*

Xiang-Hong Ou, *China*

Linlin Cui, *China*

Part 3

Chair(s): Caihong Ma (China)

SS9-3 Cell atlas of human blastocysts

Ge Lin, *China*

Panelist(s): Yun Liu, *China*

Jichun Tan, *China*

Yuan Gao, *China*

Society Symposium 10 (FIGO)

Apr. 28 (Mon.) 16:10-17:40

G510

Global Fertility issues

Chair(s): Chittaranjan Narahari Purandare (India), Akira Iwase (Japan)

SS10-1 Nutrition and how it affects fertility

Eytan Barnea, *USA*

SS10-2 Fertility Sparing Surgery

Togas Tulandi, *Canada*

SS10-3 Prevention of errors and quality control in ART labs

Dov Feldberg, *Israel*

SS10-4 Disaster Management in ART

Elif Göknur Topçu, *Türkiye*

SS10-5 Regulation in ART

Nikhil Purandare, *Ireland*

Society Symposium 11 (AFFS)

Apr. 28 (Mon.) 16:10-17:40

G409

Male infertility role of PLCZ, what we know so far and future perspectives

Chair(s): Oladapo Ashiru (Nigeria), Mohammed Krouf (Tunisia)

SS11-1 Male infertility role of PLCZ, what we know so far and future perspectives

Nicholaus Mazuguni, *Tanzania*

SS11-2 The problems of the beginning of IVF Centers in Democratic Republic of Congo

Justin Mboloko Esimo, *Congo*

SS11-3 Challenges in developing ART services in underserved communities

Coulibaly Founzegue, *Cote Ivoire*

SS11-4 PGT-A and PGT-M for sickle cell in Nigeria: A collaborative effort

Oladapo Ashiru, *Nigeria*

SS11-5 Improving Success and Reducing Complication rates in IVF in Africa through Cryopreservation

Edem Hiadzi, *Ghana*

Society Symposium 12 (RAHR)

Apr. 29 (Tue.) 14:25-15:55 G510

Infertility treatment in patients after 40

Chair(s): Vladislav Korsak (Russia)

SS12-1 How old is too old? ART in aged women

Vyacheslav Lokshin, *Kazakhstan*

SS12-2 Ovarian stimulation after forty

Anna Smirnova, *Russia*

SS12-3 Does male age affect pregnancy outcome?

Igor Korneev, *Russia*

SS12-4 Obstetrics and perinatal risk after IVF in late maternal age

Natalia Dolgushina, *Russia*

SS12-5 Experience of population study of AMH-levels in a metropolis

Vera Korennaya, *Russia*

Society Symposium 13 (ALMER)

Apr. 29 (Tue.) 9:00-10:30 G409

New trends in Reproductive Medicine

Chair(s): Martha Luna (Mexico), J. Ricardo Loret de Mola (USA)

SS13-1 Functional Reproductive Medicine: optimizing fertility from a comprehensive perspective

Idelma Serpa, *Argentina*

SS13-2 The Science of controlled ovarian stimulation: current trends and Insights

Martha Luna, *Mexico*

SS13-3 The future of Reproductive Surgery

J. Ricardo Loret de Mola, *USA*

Society Symposium 14 (KSRM)

Apr. 29 (Tue.) 14:25-15:55 G510

Clinical Challenges in Reproductive Medicine

Chair(s): Kyung Joo Hwang (Korea), Jung Ryeol Lee (Korea)

SS14-1 Premature ovarian insufficiency: Past, present, and future

Seung Joo Chon, *Korea*

SS14-2 Platelet-rich plasma therapy for ovarian and endometrial dysfunction

Ji Hyang Kim, *Korea*

SS14-3 Overcoming Fertility Challenges: Strategies for Women with Endometriosis and Adenomyosis

Youn-Jee Chung, *Korea*

Luncheon Seminar 1

April 27 (Sun.) 12:30-13:30 Hall B7-2

Optimising clinical outcomes in ART: The power of individualization

Chair(s): Atsushi Tanaka (Saint Mother Clinic, Fukuoka, Japan)

LS1-1 Precision Medicine in ART: Enhancing Outcomes Through Treatment Personalization

Human M. Fatemi, *ART Fertility Clinics in UAE, Oman, and India*

LS1-2 The 'Ideal' IVF approach: One and Done Treatment

Yoshimasa Asada, *Asada Ladies Clinic, Japan*

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Luncheon Seminar 2

April 27 (Sun.) 12:30-13:30 Hall B5

How will Artificial Intelligence Impact Assisted Reproduction Practice, Embryologists, and Physicians

Chair(s): Miyuki Harada (Department of Obstetrics and Gynecology, Graduate School of Medicine, The University of Tokyo, Japan)

LS2 How Will Artificial Intelligence Impact Assisted Reproduction Practice, Embryologists, and Physicians

Jacques Cohen, ① *Chief Scientific Officer (CSO) Conceivable Life Sciences*
② *CSO IVF 2.0 (UK)* ③ *Founder International IVF Initiative (i3)*

Sponsored by Kitazato Corporation

Luncheon Seminar 3

April 27 (Sun.) 12:30-13:30 Hall D7

Potential for Innovations in ART Brought by Regenerative Medicine Technology

Chair(s): Hiroaki Shibahara (Hanabusa Women's Clinic, Hyogo, Japan)

LS3-1 Current Advances and Future Horizons in Mitochondrial Therapy for Assisted Reproductive Technologies

Kankanam Gamage Sanath Udayanga, *HORAC GRAND FRONT OSAKA CLINIC, Osaka, Japan*

LS3-2 Attempt to develop a new IUI/IVF method focusing on mesenchymal stem cells

Masayuki Shimada, *Graduate School of Integrated Sciences for Life, Hiroshima University, Hiroshima, Japan*

Sponsored by ROHTO Pharmaceutical Co., Ltd.

Luncheon Seminar 4

April 27 (Sun.) 12:30-13:30 Hall D5

Follitropin delta: A 10-year data-driven journey

Chair(s): Yutaka Osuga (Teikyo Academic Research Center, Tokyo, Japan)

LS4-1 Unravelling follitropin delta: Rigorous RCT programs for clinical development and the systematic review

Bart C.J.M Fauser, *University of Utrecht*

LS4-2 Translating to clinical practice: Validating trial findings in a real-world setting and future landscape

Manuel Fernández, *VIDA Seville, Spain*

Sponsored by Ferring Pharmaceuticals Co., Ltd.

Luncheon Seminar 5

April 27 (Sun.) 12:30-13:30 G502

Challenge to Achieve 100% Fertilization Rate - The Future of ICSI Evolved by Assisted Sperm Fusion Insemination (ASFI).

Chair(s): Shirei Ohgi (Yanaihara Women's Clinic, Kanagawa, Japan)

LS5 Challenge to Achieve 100% Fertilization Rate - The Future of ICSI Evolved by Assisted Sperm Fusion Insemination (ASFI).

Shota Hatakeyama, *Yanaihara Women's Clinic, Kanagawa, Japan*

Sponsored by REPROLIFE

Luncheon Seminar 6

April 27 (Sun.) 12:30-13:30 G510

Treatment strategy for endometriosis as preconception care

Chair(s): Mikio Momoeda (Aiiku Maternal and Child Health Center, Aiiku Hospital, Tokyo, Japan)

LS6 Treatment strategy for endometriosis as preconception care

Fuminori Kimura, *Department of Obstetrics and Gynecology, Nara Medical University, Nara, Japan*

Sponsored by Mochida Pharmaceutical Co., Ltd.

Luncheon Seminar 7

April 28 (Mon.) 12:30-13:30 Hall B7-2

Clinical practice and real-world evidence in Follitropin delta

Chair(s): Masahide Shiotani (Hanabusa Women's Clinic, Kobe, Japan)

LS7-1 Unveiling real-world evidence of follitropin delta

Alexander Freis, *Medicus Bergen AS*

LS7-2 Gonadotropin dose and clinical outcome

Takeshi Iwasa, *Tokushima Univ, Tokushima, Japan*

Sponsored by Ferring Pharmaceuticals Co., Ltd.

Luncheon Seminar 8

April 28 (Mon.) 12:30-13:30 Hall B5

Establishment and Perspectives of custom-made ex utero mouse embryo culture system

LS8 Establishment and Perspectives of custom-made ex utero mouse embryo culture system

Akihiro Nita, *Division of Cellular Dynamics, Medical Research Laboratory, Institute of Science Tokyo, Tokyo, Japan*

Sponsored by Astec Co., Ltd.

Luncheon Seminar 9

April 28 (Mon.) 12:30-13:30 Hall D7

Chronic Endometritis and the Endometrial Microbiome - Key Insights for Reproductive Health

Chair(s): Koichi Kyono (KYONO ART CLINIC TAKANAWA, Tokyo, Japan)

LS9-1 Pathophysiology of Chronic Endometritis and Endometrial Microbiota ~Comparison of 3 tests ~Hysteroscopy / CD138 / Endometrial Microbiome Test

Yasushi Hirota, *Department of Obstetrics and Gynecology, The University of Tokyo, Tokyo, Japan*

LS9-2 Endometrial Lactobacillus Regulates H3K18la-Mediated Impairment of Endometrial Receptivity in Chronic Endometritis

Yue Wang, *Department of Reproductive Medicine at Peking University Third Hospital, Beijing, China*

Sponsored by Varinos Inc.

Luncheon Seminar 10

April 28 (Mon.) 12:30-13:30 Hall D5

The next generation of PGT-A

Chair(s): Yutaka Osuga (Teikyo Academic Research Center, Tokyo, Japan)

LS10-1 PGTai with PTA; starting the new era in pre-implantation genetic testing

Tony Gordon, *Strategy and Market Development, CooperSurgical, Inc., Connecticut, United States*

LS10-2 Implementation of advanced technologies and clinical outcome in PGT-A

Takumi Takeuchi, *Director, Reproduction Clinic Tokyo, Tokyo, Japan*

Sponsored by CooperSurgical Japan K.K.

Luncheon Seminar 11

April 28 (Mon.) 12:30-13:30 G502

Clinical Approaches to Infertility Treatment in Asia ~Regional Practices and Challenges~

Chair(s): Keiichi Kato (Kato Ladies Clinic, Tokyo, Japan)

LS11-1 Characteristics of ART in Japan and its role in fertility decline

Tomoya Segawa, *Shinbashi YUME clinic, Tokyo, Japan*

LS11-2 ART in Asia: Perspectives on Current Practices

Rudie Frederick B. Mendiola, *Kato Repro Biotech Center, Makati City, Philippines*

Sponsored by EIKEN CHEMICAL CO., LTD./Tosoh Corporation

Luncheon Seminar 12

April 28 (Mon.) 12:30-13:30 G510

A New Endometrial Customized Panel -Upgraded EMMA & ALICE- Quantitative microbiome testing for personalized treatment of the endometrium

Chair(s): Atsushi Fukui (SORA no MORI CLINIC, Okinawa, Japan)

LS12-1 The upgraded endometrial microbiome analysis panel for the species level. How does it help?

Nasser Ai-Asmar Pinar, *Igenomix Spain*

LS12-2 Optimizing the Endometrial Microbiome to Shorten Time to Pregnancy: Evidence from EMMA and ALICE

Nanako Iwami, *Kamiya Ladies Clinic*

Sponsored by Igenomix Japan, K.K. (VITROLIFE GROUP)

Luncheon Seminar 13

April 28 (Mon.) 12:30-13:30

G409

Preconception care and fertility

Chair(s): Fuminori Kimura (Department of Obstetrics and Gynecology, Nara Medical University, Nara, Japan)

LS13-1 Fertility preservation and preconception care from a global reproductive health perspective

Kristina Gemzell-Danielsson, *Department of Women's and Children's Health, Karolinska Institutet, Stockholm, Sweden*

LS13-2 Fertility preservation and preconception care for patients with dysmenorrhoea and endometriosis

Miyuki Harada, *Department of Obstetrics and Gynecology, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan*

Sponsored by Fuji Pharma Co., Ltd.

Luncheon Seminar 14

April 29 (Tue.) 12:45-13:45

Hall B7-1

Exploring rFSH: The Key to Optimal Individualized Controlled Ovarian Stimulation

Chair(s): Masahide Shiotani (Hanabusa Women's Clinic, Hyogo, Japan)

LS14-1 Navigating glycosylation profiles to optimize ovarian stimulation

Monica Lispi, *Merck Healthcare KGaA, Darmstadt, Germany*

LS14-2 Optimizing and Standardizing Controlled Ovarian Stimulation with the Gonadotropins Starting Dose Calculator

Masato Kobanawa, *Kobanawa Clinic, Ibaraki, Japan*

Sponsored by Merck Biopharma Co., Ltd.

Luncheon Seminar 15

April 29 (Tue.) 12:45-13:45

Hall B7-2

Role of lipid droplets in mammalian eggs

Chair(s): Aki Oka (Customer Strategy Department, Bioscience Sales Division, NIKON SOLUTIONS CO., LTD, Tokyo, Japan)

LS15-1 Role of lipid droplets in mammalian eggs

Satoshi Tsukamoto, *Laboratory Animal and Bioresource Sciences Section, National Institutes for Quantum Science and Technology, Chiba, Japan*

LS15-2 Innovating Assisted Reproductive Technology with ECLIPSE Ti2-I

Satoshi Takiguchi, *Marketing Section, Customer Strategy Department, Bioscience Sales Division, NIKON SOLUTIONS CO., LTD, Tokyo, Japan*

Sponsored by NIKON SOLUTIONS CO., LTD.

Luncheon Seminar 16

April 29 (Tue.) 12:45-13:45 Hall B5-1

Embryo Transfer and Luteal Phase Support

Chair(s): Norihiro Sugino (Department of Obstetrics and Gynecology, Yamaguchi University Graduate School of Medicine, Yamaguchi, Japan)

LS16-1 Frozen embryo transfer — Natural ovulation or hormone replacement —
Keiichi Kato, *Kato Ladies Clinic, Tokyo, Japan*

LS16-2 Is progesterin needed only for the endometrium?
Yukiko Katagiri, *Department of Obstetrics and Gynecology, Faculty of Medicine Toho University, Tokyo, Japan*

Sponsored by ASKA Pharmaceutical Co., Ltd.

Luncheon Seminar 17

April 29 (Tue.) 12:45-13:45 Hall D7

Reshaping the Key Principle in Cryopreservation: From Multi-step to Single-step Exposure at Warming.

Chair(s): Takumi Takeuchi (Reproduction Clinic Tokyo, Tokyo, Japan)

LS17 Reshaping the Key Principle in Cryopreservation: From Multi-step to Single-step Exposure at Warming.
Juergen Liebermann, *River North Center for Reproductive Health, Chicago, Fertility Centers of Illinois /US Fertility, USA*

Sponsored by FUJIFILM Wako Pure Chemical Corporation

Luncheon Seminar 18

April 29 (Tue.) 12:45-13:45 G502

Updated Best Practices in Oocyte Pick Up ~ From basics to introduction of OPU simulator ~

Chair(s): Kanako Okamoto (Nexpring Health)

LS18 Updated Best Practices in Oocyte Pick Up ~ From basics to introduction of OPU simulator ~
Kanako Okamoto, *Nexpring Health*

Sponsored by Nexpring Health

Luncheon Seminar 19

April 29 (Tue.) 12:45-13:45

G510

【Daytime Dojo】 What is ART in high responder patients?

Chair(s): Koichi Kyono (Kyono ART Clinic Takanawa, Tokyo, Japan)

LS19-1 Treatment Strategy for High Responders

Antonio La Marca, *Department of Obstetrics and Gynecology, University of Modena and Reggio Emilia, Modena, Italy*

LS19-2 The Quest for the Best: Journey so far and optimizing COS

Atsumi Yoshida, *Kiba park clinic, Tokyo, Japan*

Sponsored by ORGANON

Luncheon Seminar 20

April 29 (Tue.) 12:45-13:45

G409

HSG by OSCM~past, present and future~

Chair(s): Yutaka Osuga (Teikyo Academic Research Center, Tokyo, Japan)

LS20-1 An Overview of RCT Evidence

Ben Mol, *Department of Obstetrics and Gynaecology, Monash University, Monash Medical Centre, Melbourne, Australia*

LS20-2 The Latest Clinical Evidence on Mechanism and Safety of Lipiodol Action

Velja Mijatovic, *Department of Reproductive Medicine, Amsterdam UMC, The Netherlands*

Sponsored by Guerbet Japan KK

Morning Seminar 1

April 27 (Sun.) 8:00-8:45

Hall B5

Control ovarian stimulation and clinical outcome

Chair(s): Kaoru Miyazaki (Hara Medical Clinic ,Tokyo, Japan)

MS1-1 How gonadotropin dose influences live birth rates

Nikolaos Polyzos, *Dexeus University Hospital*

MS1-2 Cost-Effectiveness and Clinical Outcomes of Controlled Ovarian Stimulation With Follitropin Delta and Follitropin Alfa

Masato Kobanawa, *Kobanawa Clinic, Omitama, Japan*

Sponsored by Ferring Pharmaceuticals Co., Ltd.

Morning Seminar 2

April 27 (Sun.) 8:00-8:45 Hall D5

Next stage of ART technology in JAPAN

Chair(s): Atsumi Yoshida (Kiba Park Clinic, Tokyo, Japan)

MS2 Next stage of ART technology in JAPAN

Tetsunori Mukaída, *Hiroshima HART Clinic, Hiroshima, Japan*

Sponsored by System Road Co., Ltd.

Morning Seminar 3

April 27 (Sun.) 8:00-8:45 G502

Immunosuppressive treatment with Tacrolimus for women with repeated implantation failure and recurrent pregnancy loss

Chair(s): Takeshi Iwasa (Department of Obstetrics and Gynecology, Tokushima University School of Medicine, Tokushima, Japan)

MS3 Immunosuppressive treatment with Tacrolimus for women with repeated implantation failure and recurrent pregnancy loss

Koji Nakagawa, *Sugiyamaclinic shinjuku, Tokyo, Japan*

Sponsored by SUGIYAMA MEMORIAL FOUNDATION

Morning Seminar 4

April 28 (Mon.) 8:00-8:45 G502

【Morning Dojo】Preconception Care – Key points reproductive medicine specialists should practice

Chair(s): Masahide Shiotani (Hanabusa Women's Clinic, Kobe, Japan)

MS4-1 Preconception Care: Current status and future perspectives

Akira Iwase, *Department of Obstetrics and Gynecology, Gunma University, Gunma, Japan*

MS4-2 Preconception Care in Fertility Clinics: A Clinical Approach

Kiyotaka Kawai, *Kameda IVF Clinic Makuhari, Chiba, Japan*

Sponsored by ORGANON

Morning Seminar 5

April 28 (Mon.) 8:00-8:45 G510

Anti- β 2-glycoprotein I/HLA-DR autoantibodies (neoself antibodies) involved in infertility, recurrent pregnancy loss, and obstetric complications

Chair(s): Yasushi Hirota (Department of Obstetrics and Gynecology, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan)

MS5 Anti- β 2-glycoprotein I/HLA-DR autoantibodies (neoself antibodies) involved in infertility, recurrent pregnancy loss, and obstetric complications

Hideto Yamada, *Center for Recurrent Pregnancy Loss, Teine Keijinkai Hospital, Sapporo, Japan*

Sponsored by AOI Biosciences Inc./SUMITOMO CORPORATION

Morning Seminar 6

April 28 (Mon.) 8:00-8:45 G409

Hysteroscopic cytoreductive surgery for adenomyosis improves take home baby rate “A game changer?”

Chair(s): Hirotaka Masuda (HM Ladies Clinic Ginza, Tokyo, Japan)

MS6 Hysteroscopic cytoreductive surgery for adenomyosis improves take home baby rate “A game changer?”

Rudi Campo, *Life Expert Centre, Leuven, Belgium*

Sponsored by KARL STORZ Endoscopy Japan K.K. / MC Medical, Inc.

Morning Seminar 7

April 29 (Tue.) 7:15-8:45 Hall D7

※Invitation Only

Independent Medical Education program, sponsored by Merck Healthcare KGaA

Morning Seminar 8

April 29 (Tue.) 8:00-8:45 G510

From embryo to implantation: Advancing insights into fertility and pregnancy outcomes

Chair(s): Keiji Kuroda (Sugiyama Clinic Marunouchi, Tokyo, Japan)

MS8-1 From fertilization to early development: Embryonic contributions to unexplained infertility

Mitsutoshi Yamada, *Department of Obstetrics and Gynecology, Keio University School of Medicine, Tokyo, Japan*

MS8-2 Preparing endometrial condition for implantation and beyond: Considering maternal and neonatal outcomes

Kazuki Saito, *Department of Pediatrics, Perinatal, and Maternal Medicine (Ibaraki), Graduate School, Institute of Science Tokyo, Tokyo, Japan*

Sponsored by Fuji Pharma Co., Ltd.

Sponsored Symposium

April 28 (Mon.) 17:45-18:30 Hall D7

How many oocytes should be retrieved in one oocyte retrieval to ensure at least one euploid blastocyst in ART treatment?

Chair(s): Bunpei Ishizuka (St. Marianna University/Rose Ladies Clinic, Japan)

SPS How many oocytes should be retrieved in one oocyte retrieval to ensure at least one euploid blastocyst in ART treatment?

Koji Nakagawa, *Sugiyama Clinic Shinjuku, Tokyo, Japan*

Sponsored by Merck Biopharma Co., Ltd.

IFFS2025 Oral Sessions

Oral 1

Apr. 27 (Sun.)

9:00-9:45

Hall D5

ART-1

Chair(s): Aisaku Fukuda (Japan), Lan N. Vuong (Viet Nam)

O1-1 Peripheral blood mononuclear cell therapy demonstrates significantly improved outcomes for challenging IVF patient groups in global clinical data

Yevheniia Zhyolkova, et al., *Department of Laboratories, Cell Therapy Holdings LLC, Kharkiv, Ukraine*

O1-2 Three decades of assisted reproductive technology driving global trends in fertility success

Jessie Sutherland, et al., *School of Biomedical Science and Pharmacy, College of Health Medicine and Wellbeing, University of Newcastle, Australia*

O1-3 Metabolic Profile Changes between Twins and Singletons Conceived through Assisted Reproductive Technology: A Chinese Prospective Cohort Study

Jingmei Hu, et al., *Institute of Women, Children and Reproductive Health,, Shandong University, Jinan, Shandong, China*

O1-4 Maternal and perinatal outcomes after modified natural versus artificial/programmed frozen-thawed embryo transfer cycles: a single-institute clinical study of reproductive and perinatal care

Maiho Kito, et al., *Center for Reproductive Medicine and Surgery, Toyohashi Municipal Hospital, Toyohashi, Aichi, Japan*

O1-5 Should thyroid peroxidase antibodies (TPO-Ab) be blamed for an elevated pregnancy loss rate among patients with idiopathic diminished ovarian reserve? A retrospective cohort study

Mengxia Ji, et al., *Center for Reproductive Medicine, Department of Reproductive Endocrinology, Zhejiang Provincial People's Hospital, Hangzhou Medical College, Hangzhou, Zhejiang, China*

Oral 2

Apr. 27 (Sun.)

9:00-9:45

G502

Endocrinology and PCOS-1

Chair(s): Shinnosuke Komiya (Japan), Zi-Jiang Chen (China)

O2-1 The therapeutic implication of inulin on polycystic ovary syndrome through gut microbiota

Lulu Geng, et al., *Centre for Assisted Reproduction, Shanghai First Maternity and Infant Hospital, School of Medicine, Tongji University, Shanghai, China*

- O2-2 Cut-off value for anti-Müllerian hormone in the international and Japanese diagnostic criteria for polycystic ovary syndrome**
Hiroki Noguchi, et al., *Department of Obstetrics and Gynecology, Tokushima University, Tokushima, Japan*
- O2-3 Dietary and physical activity patterns in PCOS. Are they different?**
Neena Malhotra, et al., *Department of Obstetrics & Gynaecology, All India Institute of Medical Sciences, New Delhi, India*
- O2-4 Association Between Preconception Thyrotropin Concentrations and Singleton Neonatal Outcomes in Women with Thyroid Autoimmunity Undergoing in vitro Fertilization/Intracytoplasmic Sperm Injection**
Dandan Zhang, et al., *Department of reproduction and genetics, The First Affiliated Hospital of Kunming Medical University, Kunming, China*
- O2-5 Novel glycosylated hemoglobin cut-off to identify the high-risk group of glucose intolerance in women with polycystic ovary syndrome**
Nam Nguyen Thanh, et al., *IVFMD, My Duc Hospital, Ho Chi Minh, Viet Nam*

Oral 3

Apr. 27 (Sun.) 9:45-10:30 Hall D5

ART-2

Chair(s): Atsushi Fukui (Japan), Vladislav Korsak (Russia)

- O3-1 Poor Intracytoplasmic Sperm Injection Outcomes in Males with Non-obstructive Azoospermia Comparing with that in Males with Obstructive Azoospermia**
Li Zhang, et al., *Department of Obstetrics and Gynecology, Peking University Third Hospital, Beijing, China*
- O3-2 Clinical exome sequencing for carrier screening in assisted reproductive technology with autologous gametes and sperm donation.**
Juanzi Shi, et al., *Assisted Reproduction Center, Northwest Women's and Children's Hospital, Xi'an, China, Xi'an, China*
- O3-3 Smart Prediction for optimal timing for triggering in COS: Mature oocytes retrieval predictor.**
Masato Kobanawa, *Kobanawa Clinic, Ibaraki, Japan*
- O3-4 Cumulative live birth associated with number of oocytes in ovarian stimulation with follitropin delta: an individual patient data meta-analysis**
Ali Falahati, et al., *Global Biometrics, Ferring Pharmaceuticals, Tokyo, Japan*
- O3-5 Relationship between serum LH and oocyte retrieval outcomes during ovarian stimulation by recombinant FSH in assisted reproductive technology pretreated with a combination of estrogen and progestin.**
Takao Kawai, et al., *Department of Obstetrics and Gynecology, Faculty of Medicine, The University of Tokyo, Tokyo, Japan*

Oral 4

Apr. 27 (Sun.) 15:20-16:14 Hall D5

Regenerative Medicine/Stem cells-1

Chair(s): Mutsumi Kobayashi (Japan), Chittaranjan Narahari Purandare (India)

O4-1 Generation of spermatogonia from induced pluripotent stem cells in humans and non-human primates

Ryo Yokomizo, et al., *Department of Biomedical Sciences, University of Pennsylvania School of Veterinary Medicine, Philadelphia, USA*

O4-2 MenSCs-EXO restored the activities of POI granulosa cells by regulating lipid droplet and mitochondrial crosstalk

Siwen Zhang, et al., *Center of Reproductive Medicine, Department of Obstetrics and Gynecology, Shengjing Hospital of China Medical University, Shenyang, China*

O4-3 Multi-omics analysis of stem cells established from different age groups to seek aging regulatory factors

Reina Ooka, et al., *Department of Obstetrics and Gynecology, Keio University, Shinjuku, Japan*

O4-4 Human urine-derived naive iPSC: autologous mitochondrial transplantation improves the quality of human early embryos

Zhixin Jiang, et al., *Center for Reproductive Medicine, Ren Ji Hospital, School of Medicine, Shanghai Jiao Tong University, Shanghai, China*

O4-5 Effect of menstrual blood-derived mesenchymal stem cells on repairing intrauterine adhesions: a double-blind, placebo-controlled, randomized controlled trial

Jichun Tan, et al., *Centre of Reproductive Medicine, Department of Obstetrics and Gynaecology, Shengjing Hospital of China Medical University, Shenyang, China*

O4-6 Role of SF-1 and WT1 in the differentiation of human gonadal steroidogenic cells using amniotic membrane-derived mesenchymal stem cells

Yumiko Miyazaki, et al., *Department of Obstetrics and Gynecology, University of Fukui Hospital, Fukui, Japan*

Oral 5

Apr. 27 (Sun.) 15:20-16:05 G502

Andrology + male infertility-1

Chair(s): Noritoshi Enatsu (Japan), Keshav Malhotra (India)

O5-1 Increasing Euploidy Outcomes: Exploring Testicular ICSI in Non-Azoospermia Patients

Gito Wasian, et al., *Department of Medical Biology, Faculty of Medicine, Universitas Indonesia, Jakarta, Indonesia*

- O5-2 Deciphering the contribution of ROCK-dependent actin cytoskeleton remodeling to testosterone production in mouse Leydig cells**
 Ke Xu, et al., *Shandong Key Laboratory of Reproductive Medicine, Department of Obstetrics and Gynecology, Shandong Provincial Hospital Affiliated to Shandong First Medical University, Jinan, Shandong, China*
- O5-3 Association of RNASE9 gene variant with decreased sperm motility in Japanese men: Insights from whole-genome sequencing**
 Shinichiro Saeki, et al., *Hanabusa Women's Clinic, Kobe, Japan*
- O5-4 Proteomic analysis of sperm antigen proteins detected by immunologically infertile men with sperm immobilizing antibody**
 Yasuko Shiraishi, et al., *Department of Obstetrics and Gynecology, Kaibara Ladies Clinic, Tokyo, Japan*
- O5-5 Overdue calcium oscillation causes polyspermy but permits normal development in mouse embryos**
 Mio Fukuoka, et al., *Department of Obstetrics and Gynecology, Keio University School of Medicine, Tokyo, Japan*

Oral 6

Apr. 27 (Sun.) 15:20-15:56 G409

Uterus diseases

Chair(s): Michio Kitajima (Japan), Pankaj Talwar (India)

- O6-1 Cytokine analysis of human uterine lavage fluid in infertile women with chronic endometritis: The search for novel biomarkers**
 Asako Ochiai, et al., *Department of Obstetrics and Gynecology, Juntendo University Faculty of Medicine, Tokyo, Japan*
- O6-2 Hepcidin as a key regulator of iron homeostasis triggers inflammatory features in the normal endometrium**
 Yuko Izumi, et al., *Department of Obstetrics and Gynecology, Kyoto Prefectural University of Medicine, Graduate School of Medical Science, Kyoto, Japan*
- O6-3 Evaluating the Impact of High-Intensity Focused Ultrasound on Pregnancy Outcomes in Women with Uterine Fibroids**
 Min Zhao, *Mianyang Central Hospital, Mianyang, China*
- O6-4 Increasing antimicrobial resistance in Chronic Endometritis: a 2020-2024 cross-sectional study**
 Ettore Cicinelli, et al., *Department of Interdisciplinary Medicine (DIM), Unit of Obstetrics and Gynecology, University of Bari "Aldo Moro", Policlinico of Bari, Piazza Giulio Cesare 11, 70124, Bari, BA, Italy, Bari, Italy*

Oral 7

Apr. 27 (Sun.) 16:20-17:14 Hall D5

Ovary/ POI-1

Chair(s): Kazuhiro Kawamura (Japan), Yuki Enomoto (Japan)

-
- O7-1 WDR24 mutations contributes to premature ovarian insufficiency**
Ting Guo, et al., *State Key Laboratory of Reproductive Medicine and Offspring Health, Shandong University, Jinan, China*
- O7-2 Explore the potential role of α -SNAP in follicle activation and development through PI3K/Akt/mTORC1 signaling pathway**
Ying Qin, et al., *Reproductive Medicine Center, Dongguan Maternal and Child Health Care Hospital, Dongcheng District, Dongguan, China*
- O7-3 Sigma-1 receptor-mediated high mobility group A1 silencing alleviates endoplasmic reticulum stress-induced ovarian granulosa cell apoptosis**
Lile Jiang, et al., *Reproductive Medical Center, People's Hospital of Provincial People's Hospital, Zhengzhou, Henan, China*
- O7-4 Interaction between host and graft-derived ovarian tissue in mouse model of chemotherapy-Induced ovarian insufficiency**
Mahiru Kawano, et al., *Department of Obstetrics and Gynecology, The University of Osaka, Suita, Osaka, Japan*
- O7-5 HELQ maintains genome stability of primordial germ cells by inhibiting LINE-1 expression**
Yajuan Yang, et al., *State Key Laboratory of Reproductive Medicine and Offspring Health, Center for Reproductive Medicine, Institute of Women, Children and Reproductive Health, Shandong University, Jinan, Shandong, China*
- O7-6 Improving ovarian function by utilizing a Zeolitic Imidazolate Framework-8 (ZIF8) loaded growth hormone targeted release system**
Shan Wang, et al., *Department of Reproductive Medicine, Shandong Provincial Hospital Affiliated to Shandong First Medical University, Jingwu Road, Jinan, China*

Oral 8

Apr. 27 (Sun.) 16:10-16:46 G502

Ethics and law

Chair(s): Masanori Ono (Japan), Sonia Allan (Australia)

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- O8-1 Cross-Border Reproduction and the Transit of Embryos and Gametes: An Ethical, Legal, and Comparative Analysis of the Italian Case in Light of the New European Regulation on 'Standards of Quality and Safety for Human Origin Substances (SoHO)'**
Sara Dalla Costa, et al., *Legal, Istituto Bernabeu, Martellago, Italy*

- O8-2 IVF Subsidies, Pronatalism and Stratified Reproduction in Taiwan**
Chia-Ling Wu, et al., *Sociology, National Taiwan University, Taipei, Taiwan*
- O8-3 Could extension of access to ART to single women and promotion of social freezing contribute to mitigate denatality in Italy, one of the countries with the lowest fertility rate?**
Serena Sgargi, et al., *Reproductive Medicine Institute, S.I.S.Me.R., Castel Maggiore, Italy*
- O8-4 The challenges of the first ID release sperm bank in Japan**
Hiromi Ito, et al., *Private Care Clinic Tokyo, Tokyo, Japan*

Oral 9

Apr. 27 (Sun.) 15:55-16:49 G510

Early Pregnancy loss-1

Chair(s): Mamoru Tanaka (Japan), Zahra Muslim (Pakistan)

- O9-1 NR5A1 promotes decidualization of human endometrial stromal cells and its deficiency may lead to unexplained recurrent spontaneous abortion**
Fan He, et al., *The Center for Reproductive Medicine, Obstetrics and Gynecology Department, The Second Affiliated Hospital of Chongqing Medical University, Chongqing, China*
- O9-2 Causal association of allometric body-shape indices with Adverse Pregnancy Outcomes: genetic evidence from mendelian randomization**
HAOYU HE, et al., *Department of Obstetrics and Gynecology, The First Affiliated Hospital of Anhui Medical University, Hefei-Anhui, China*
- O9-3 Exploring the Mechanism of rhG-CSF in Recurrent Spontaneous Abortion Using Organoid Technology**
Lihong Pang, et al., *Department of Prenatal Diagnosis and Genetic Diseases& Fetal Medicine, the First Affiliated Hospital of Guangxi Medical University, Nanning, Guangxi, China*
- O9-4 Characteristic DNA methylation profiles of chorionic villi in recurrent miscarriage**
Yosuke Matsumoto, et al., *Department of Reproductive Medical Center, West Medical center of Nagoya City University, Kita-ku, Nagoya, Japan*
- O9-5 Exposure to per- and poly-fluoroalkyl substances has adverse effect on miscarriage rather than fertilization: a retrospective cohort study from women in fresh embryo transfer cycles**
Jiahui Wang, et al., *Department of Gynecology and Obstetrics, Peking Union Medical College Hospital, Chinese Academy of Medical Sciences & Peking Union Medical College, Shandong, Ji'nan, China*
- O9-6 Recurrent Pregnancy Loss and Immune Checkpoint Pathway Influence**
Monika Kniotek, et al., *Department of Clinical Immunology, Medical University of Warsaw, Warsaw, Poland*

Oral 10

Apr. 27 (Sun.) 16:00-16:54

G409

Endometriosis-1

Chair(s): Linda Giudice (USA)

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- O10-1 Cytoskeletal and inter-cellular junction remodelling in endometrial organoids under oxygen-glucose deprivation: a new potential pathological mechanism for thin endometria**
Tianliu Peng, *Department of Obstetrics and Gynecology, Peking University Third Hospital, Beijing, China*
- O10-2 DNA double-strand breaks and apoptosis in oocytes of primordial follicles trigger endometriosis-induced ovarian reserve reduction and its inhibition by melatonin administration**
Vita Silvana, et al., *Department of Obstetrics and Gynecology, Faculty of Medicine, The University of Tokyo, Tokyo, Japan*
- O10-3 Impaired fertility and perinatal outcomes in adenomyosis: insights from a novel murine model and uterine gene profile alterations during implantation**
Hanxi Zheng, et al., *Center for Human Reproduction and Genetics, Affiliated Suzhou Hospital of Nanjing Medical University, Suzhou, Jiangsu, China*
- O10-4 Mutation profile and chromosomal abnormality in adenomyosis**
Kazuaki Suda, et al., *Department of Obstetrics and Gynecology, Niigata University Graduate School of Medical and Dental Sciences, Niigata, Japan*
- O10-5 DNA Editing Enzyme APOBEC3B: A New Potential Therapeutic Target in Endometriosis”**
Thuyha Vu, et al., *Department of Obstetrics and Gynecology, Okayama University Hospital, Okayama, Japan*
- O10-6 Impact of iron overload on follicular development in patients with ovarian endometriosis**
Yaoqiu Wu, *Department of Reproductive Medicine, Sun Yat-sen Memorial Hospital, Sun Yat-sen University, Guangzhou, China*

Oral 11

Apr. 27 (Sun.) 17:30-18:24

Hall D7

Embryology-1

Chair(s): Kyung Joo Hwang (Korea)

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- O11-1 Bringing the IVF Laboratory into the digital age**
Teodora Popa, et al., *Institute for Women's Health, University College London (UCL), London, UK*
- O11-2 Optimizing the timing of intracytoplasmic sperm injection after rescue-in vitro maturation of human germinal vesicle stage oocytes**
Tsubasa Takahashi, et al., *Kato Ladies Clinic, Tokyo, Japan*

- O11-3 Group culture without time-lapse imaging is more beneficial for embryo development than individual culture with time-lapse imaging.**
Yaron Goikhman, et al., *Department of Reproductive Medicine, Israeli Medical Center - Reproductive Medicine and Family Health, Tashkent, Uzbekistan*
- O11-4 Establishing criteria for the application of artificial removal of the zona pellucida (ZP) at the pronuclear stage; unraveling the Ariadne's thread**
Toko Shimura, et al., *Reproductive Centre, Mio Fertility Clinic, Yonago, Japan*
- O11-5 Clinical and Metabolic Effects of Ultra Rapid Vitrification and Thawing on Oocyte and Embryo Viability**
Daria Hudkova, et al., *Department of Reproductive Medicine and Egg Bank, Ovogene, Bratislava, Slovakia*
- O11-6 Should the cell number at the cleavage stage be considered when transferring the embryo at the blastocyst stage?**
MOBAREK Aicha, et al., *Tiziri IVF Laboratory, Tiziri IVF Center, Elbiar, Algiers, Algeria*

Oral 12

Apr. 27 (Sun.) 17:20-18:14 Hall D5

Fertility preservation

Chair(s): Tatsuro Furui (Japan)

- O12-1 Evaluating a novel cryoprotectant for optimal freezing of human ovarian tissue: impact of Carboxylated Poly-L-lysine on follicle preservation**
Mitsuhiro Nakamura, et al., *54 Kawaramachi, Shogoin, Kyoto University, Kyoto, Japan*
- O12-2 Outcomes of different in vitro maturation procedures for oocyte cryopreservation for fertility preservation**
Xiaoping Liu, et al., *Reproductive Medicine Research Center, The Sixth Affiliated Hospital, Sun Yat-sen University, Guangzhou, China*
- O12-3 Analysis of risk factors for recurrence after fertility-sparing treatment of early-stage endometrial carcinoma, atypical endometrial hyperplasia and atypical polypoid adenomyoma in assisted reproductive technology.**
Shiho Uchida, et al., *Department of Obstetrics and Gynecology, Keio University Hospital, Tokyo, Japan*
- O12-4 Follicular extracellular vesicles of older women impair oocyte quality via inducing mitochondrial and spindle dysfunction**
Chang Liu, *Division of Reproductive Medicine, West China Second University Hospital of Sichuan University, Chengdu, Sichuan, People's Republic of China., Chengdu, China*
- O12-5 Current status and influencing factors of fertility preservation in pediatric and adolescent patients undergoing hematopoietic stem cell transplant in China**
Ziyu Li, et al., *Peking University People's Hospital, Beijing, China*

O12-6 The application of assisted reproductive technology in the oncology and reproductive outcomes of patients with endometrial cancer after fertility sparing treatment

Xiao Zerui, et al., *Reproductive medicine center, Peking University People's Hospital, Beijing, China*

Oral 13

Apr. 28 (Mon.) 10:45-11:30

G502

ART-3

Chair(s): Tatsuya Harada (Japan), Vyacheslav Lokshin (Kazakhstan)

O13-1 Medically assisted reproduction and hormone sensitive cancers in women: Results from the CREATE study

Adrian R Walker, et al., *UNSW Sydney, UNSW, NSW, Australia*

O13-2 Improving IVF pregnancy outcomes with autologous platelet-rich plasma (PRP) and own-ova for women with poor ovarian prognosis

Esther Lopez-Bayghen, et al., *Toxicology, Centro de Investigación y de Estudios Avanzados del Instituto Politécnico Nacional, México City, Mexico*

O13-3 Association of Neurodevelopmental Status Between 12 And 66 Months Of Age With And Without Artificial Oocyte Activation Following Intracytoplasmic Sperm Injection: A Cross-Sectional Study

Asahi Tokuoka, et al., *Department of Obstetrics and Gynecology, Keio University School of Medicine, Tokyo, Japan*

O13-4 Survey of In Vitro Fertilization Add-Ons in Japan (Izanami Project)

Nagisa Shionoya, et al., *School of Medicine, Keio University School of Medicine, Tokyo, Japan*

O13-5 Vitricification-induced epigenetic dysregulation: insights from multi-omics sequencing of preimplantation embryos

Siwei Zhang, et al., *Obstetrics and Gynecology Hospital, Institute of Reproduction and Development, Fudan University, Shanghai, China*

Oral 14

Apr. 28 (Mon.) 11:30-12:15

Hall D7

PGT

Chair(s): Yoshiharu Nakaoka (Japan)

O14-1 Single blastocyst transfer based on PGT-A vs. Double blastocyst transfer based on embryo morphology following recurrent implantation failure: Evaluation of pregnancy outcomes

Kazuma Onishi, et al., *Asada Ladies Clinic, Nagoya, Japan*

- O14-2 Reproductive outcomes after preimplantation genetic testing in couples with sex chromosome abnormalities: a retrospective cohort study of 83 couples**
He Li, et al., *Shanghai Ji Ai Genetics and IVF Institute, Obstetrics and Gynecology Hospital, Fudan University, Shanghai, China*
- O14-3 The use of blastocysts developing from nonpronuclear and monopronuclear zygotes can be considered in PGT-SR: a retrospective cohort study**
Yuan Gao, et al., *State Key Laboratory of Reproductive Medicine and Offspring Health, Center for Reproductive Medicine, Institute of Women, Children and Reproductive Health, Shandong University, Jinan, Shandong, China*
- O14-4 The Importance of Natural Cycle Oocyte Retrieval Methods in PGT Testing for Older Patients**
Yoichi Matsue, et al., *Department of Reproductive Medicine, Sekiel Ladies Clinic, Takasaki, Japan*
- O14-5 Multi-omics PGT: re-evaluation of euploid blastocysts for implantation potential based on RNA sequencing**
Jiamin Jin, et al., *Sir Run Run Shaw Hospital, Zhejiang University School of Medicine, Hangzhou, Zhejiang, China*

Oral 15

Apr. 28 (Mon.) 11:30-12:15

G502

ART-4

Chair(s): Seung Chik Jwa (Japan), Anna Smirnova (Russia)

- O15-1 An intrinsically interpretable deep learning model for predicting the number of mature oocytes retrieved in IVF**
Ofar Fainaru, et al., *IVF Unit, Rambam Medical Center, Haifa, Israel*
- O15-2 Identifying high-risk populations for non-previa placenta accreta spectrum in pregnancies conceived through frozen embryo transfer in a hormone replacement cycle**
Seiko Matsuo, et al., *Department of Obstetrics and Gynecology, Nagoya University Graduate School of Medicine, Nagoya, Japan*
- O15-3 Rescue in vitro maturation may increase the clinical outcomes among women undergoing in vitro fertilization (IVF) treatment**
Long Ma, et al., *Clinical Center for Reproductive Medicine, Ma'anshan Women and Children's Hospital, Ma'anshan, China*
- O15-4 Comparison of sperm selection performance by artificial intelligence-based automatic sperm selection (SiD) and senior embryologists for intracytoplasmic sperm injection**
Shun Nakano, et al., *Reproductive Medicine, TAKAHASHI WOMEN'S CLINIC, Chiba, Japan*

O15-5 Verification of the effect of PVP on plasma membrane protection during abnormal membrane rupture and influence of lower temperature on plasma membrane stretchability during Piezo-ICSI

Osamu Okitsu, et al., *Kusuhara Women's Clinic, Tokyo, Japan*

Oral 16

Apr. 28 (Mon.) 14:35-15:20

Hall D7

Endocrinology and PCOS-2

Chair(s): Yoko Urata (Japan), Alan DeCherney (USA)

O16-1 The circRNA-0093870/miR-142-3p/PDK4 axis regulated mitochondrial function and glucose metabolism of granulosa cells in polycystic ovary syndrome

Qingfang Li, et al., *Department of Reproductive Endocrinology, Women's Hospital, School of Medicine, Zhejiang University, Beijing, China*

O16-2 Aberrant expression of ALKBH5 causes follicle development defects in infertile women with polycystic ovary syndrome

Long Bai, *Department of Reproductive Endocrinology, Women's Hospital, Zhejiang University School of Medicine, Hangzhou, China*

O16-3 Maternal androgen exposure induces transgenerational susceptibility to diabetes in male offspring via sperm DNA methylation reprogramming

Yuqing Zhang, et al., *State Key Laboratory of Reproductive Medicine and Offspring Health, Center for Reproductive Medicine, Institute of Women, Children and Reproductive Health, Shandong University, Jinan, Shandong, China*

O16-4 Integrating Transcriptomic, Mendelian Randomization and Single-Cell Analysis to Identify Mitochondria Permeability Transition-Driven Necrosis-Related Signature Genes in Polycystic Ovary Syndrome

Jiaxu Li, et al., *Reproductive Medicine Center, Maternity and Child Health Care of Guangxi Zhuang Autonomous Region, Nanning, Guangxi, China*

O16-5 Single-cell RNA-seq analysis the effects of Dhx37 deficiency on sertoli cell survival and nucleolar homeostasis

Yuqing Jiang, et al., *Department of Endocrinology, The First Affiliated Hospital of Henan University of Science and Technology, Luoyang, China*

Oral 17

Apr. 28 (Mon.) 14:35-15:20 Hall D5

Andrology + male infertility-2

Chair(s): Koji Shiraishi (Japan)

O17-1 Hereditary cancer in infertile men

Anu Valkna, et al., *Chair of Human Genetics, Institute of Biomedicine and Translational Medicine, University of Tartu, Tartu, Estonia*

O17-2 The Impact of miR-425-3p on Seminal Microbiota and Oxidative Stress: Insights into Male Infertility

Mahmoud A. Alfaqih, et al., *Department of Biochemistry, College of Medicine and Health Sciences, Arabian Gulf University, Manama, Bahrain*

O17-3 Withdrawn

O17-4 The effects of soil heavy metal exposure on semen quality: A national multi-center cohort study in China

Zipeng Zhu, et al., *Department of Obstetrics and Gynecology, The First Affiliated Hospital of Anhui Medical University, Hefei, China*

O17-5 Varicocele surgery for idiopathic non-obstructive azoospermia (NOA) and its impact on assisted reproductive technology (ART) outcomes: evaluation of sperm retrieval rates (SRR) in microdissection testicular sperm extraction (mTESE)

Toshihiro Tai, et al., *Kyoto Art Clinic Sendai, Sendai, Japan*

Oral 18

Apr. 28 (Mon.) 14:35-15:38 G502

Endometriosis-2 Basic Science

Chair(s): Yasushi Hirota (Japan), Steven Ory (USA)

O18-1 Involvement of Macrophage Receptor Downregulation in the Progression of Endometriosis

Tatsunori Shiraishi, et al., *Department of Obstetrics and Gynecology, Nippon Medical School, Tokyo, Japan*

O18-2 Sensory nerve derived neuropeptide accelerates the development in adenomyosis via CGRP/RAMP1/MAPK axis

Zi Ye, et al., *Assisted Reproduction Unit, Department of Obstetrics and Gynecology, Sir Run Run Shaw Hospital, School of Medicine, Zhejiang University, Hangzhou, Zhejiang, China*

O18-3 Iron overload-induced ferroptosis in CD8⁺ T cells leads to functional abnormalities that promote endometriosis progression

Shuang Wang, *Department of Obstetrics and Gynecology, Shandong Provincial Hospital, Shandong University, Jinan, China*

O18-4 Ovarian Inflammatory Microenvironment Increases the Risk of Endometriosis-Related Infertility by Inhibiting PKM2 Ubiquitination through IncWAC-AS1

Yanqiu Wang, et al., *Reproductive Medical Center, Department of Gynecology and Obstetrics, Tongji Hospital, Tongji University School of Medicine, Shanghai, China*

O18-5 P2X4 receptor antagonist suppress proliferation of endometriotic cysts and hyperalgesia in vagina

Hiroki Nagata, et al., *Tottori Pref. Kousei Hospital, Kurayoshi, Japan*

O18-6 Eosinophil Activation via Adenosine Triphosphate derived from Endometriotic Cells promotes fibrosis in endometriosis

Kota Tanaka, et al., *Department of Obstetrics and Gynecology, University of Yamanashi, Yamanashi, Japan*

O18-7 Gardnerella vaginalis specifically drives IGFBP3-overexpressing fibroblasts to promote endometrial fibrosis

Zhijing Na, et al., *Center of Reproductive Medicine, Shengjing Hospital of China Medical University, Shenyang, China*

Oral 19

Apr. 28 (Mon.) 15:25-16:19

Hall D7

Endocrinology and PCOS-3

Chair(s): Makoto Orisaka (Japan)

O19-1 Triglyceride glucose-body mass index is associated with increased pregnancy loss in patients following frozen-thawed embryo transfer.

Ziyi Song, et al., *Medical Center for Human Reproduction,, Beijing Chaoyang Hospital, Capital Medical University, Beijing, China*

O19-2 Systematic analyses of the association between hemoglobin and polycystic ovary syndrome identify the potential effect of HIF-1 pathway

Guiquan Wang, et al., *Department of Reproductive Medicine, Women and Children's Hospital, School of Medicine, Xiamen University, Xiamen, Fujian, China*

O19-3 A Novel Method for the Efficient Differentiation of Kisspeptin Neurons from Human Embryonic Stem Cells

Tomomi Seki, et al., *Department of Obstetrics and Gynecology, Nagoya University Graduate School of Medicine, Nagoya, Japan*

O19-4 Intestinal AMPK Regulates Polycystic Ovary Syndrome Through Microbiota and Serum Metabolites

Yating Xu, et al., *The Affiliated Hospital of Nanjing University of Chinese Medicine, Nanjing, China*

O19-5 Effects and Mechanisms of Tokishakuyakusan on a Rat Model of Polycystic Ovary Syndrome

Mako Ueda, et al., *Department of Obstetrics and Gynecology, Nagoya University, Nagoya, Japan*

- O19-6 Circadian disruption exposure-induced SERPINE1 hypomethylation exacerbates hyperandrogenism in polycystic ovary syndrome**
 Xueying Geng, et al., *Department of Reproductive Medicine, Renji hospital affiliated to Shanghai Jiao Tong University School of Medicine, Shanghai, China*

Oral 20

Apr. 28 (Mon.) 15:25-16:37 Hall D5

Global Health

Chair(s): Yukiko Katagiri (Japan), Tina Buccholz (Germany)

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- O20-1 Turning the tide on fertility care neglect in The Gambia: a journey forward**
 Anna Affèrri, et al., *School of Allied and Public Health Professions, Canterbury Christ Church University, Canterbury, UK*
- O20-2 Assessment of the healthcare provider knowledge of infertility a before and after study**
 Zozo Nene, et al., *Obstetrics & Gynaecology, University of Pretoria, Pretoria, Gauteng, South Africa*
- O20-3 Association between ultra-processed foods and female infertility: A large cross-sectional study**
 Yunan He, et al., *Department of Reproductive Medicine, West China Second University Hospital, Sichuan University, Chengdu, China*
- O20-4 Global, regional, and national burden of infertility attributable to sexually transmitted infections from 1990 to 2021, with projections to 2050: a systematic analysis of the Global Burden of Disease Study 2021**
 Ning Zhang, et al., *Department of Obstetrics and Gynecology, The First Affiliated Hospital of Anhui Medical University, Hefei, China*
- O20-5 The gut microbiome during pregnancy in obese and normal weighted women in Sweden. A prospective case-control national study,**
 Evangelos Patavoukas, et al., *Department of Reproductive Medicine and Gynecology, Karolinska University Hospital, Stockholm, Sweden*
- O20-6 The prevalence of intimate partner violence against women diagnosed with infertility in China: a national cross-sectional study**
 Yu Fu, et al., *Centre for Reproductive Medicine, Department of Obstetrics and Gynaecology, Peking University Third Hospital, Beijing, China*
- O20-7 Proton pump inhibitors and risk of bacterial, viral and fungal infections during pregnancy - A Swedish nationwide population-based study including 1,510,560 pregnant women.**
 Hana Shabana, et al., *Oncology-Pathology, Karolinska Institutet, Stockholm, Sweden*
- O20-8 A global perspective: characteristics of infertility-related randomized clinical trials**
 Yu Xi, et al., *Department of Urology, Peking University Third Hospital, Beijing, China*

Oral 21

Apr. 28 (Mon.) 15:40-16:34

G502

Endometriosis-3 Clinical

Chair(s): Gentaro Izumi (Japan)

O21-1 Impact of adenomyosis on pregnancy outcomes and long-term health of offspring: a retrospective cohort study

Weiwei Xu, et al., *Center for Reproductive Medicine, the Second Hospital, Cheeloo College of Medicine, Shandong University, Jinan, Shandong, China*

O21-2 Ultrasound-activated Hydrogen-producing Covalent Organic Framework Nanomedicine for Endometriosis Treatment

Ran Chu, et al., *Gynecology Laboratory, Shandong Provincial Hospital Affiliated to Shandong First Medical University, Jinan Shandong, China*

O21-3 Development of intraoperative EFI scoring and a new scoring system that adds AMH value to EFI

Jun Matsukawa, et al., *Department of Obstetrics and Gynecology, Yamagata University Faculty Of Medicine, Yamagata, Japan*

O21-4 Effect of gonadotropin-releasing hormone agonist pre-treatment on outcomes of fresh and frozen embryo transfers in women with adenomyosis

Qing Xue, et al., *Assisted Reproduction Unit, Department of Obstetrics and Gynecology, Peking University First Hospital, Beijing, China*

O21-5 Implantable, Biodegradable, and Shape-Memory Scaffold for Intrauterine Adhesion Treatment: Suppressing Macrophage Activation and Enhancing Endometrial Regeneration

Keyi Yang, et al., *Department of Reproductive Medicine, West China Second University Hospital of Sichuan University, Chengdu, China*

O21-6 Development of algorithm and prediction of the effectiveness of infertility treatment in women with ovarian endometriomas

Vitaliy Solskyy, et al., *Endocrine Gynecology, Ukrainian Center for motherhood and childhood, National Academy of Medical Sciences of Ukraine, Kyiv, Ukraine*

Oral 22

Apr. 28 (Mon.) 16:45-17:30

Hall D5

Counselling

Chair(s): Kouhei Sugimiotto (Japan), Lee Shulman (USA)

O22-1 Impact of Childhood Sexual Assault on Sexual Function in the Czech Male Population

Watcharaphol Alexandre Kamnerdsiri, et al., *Department of Psychiatry, First Faculty of Medicine, Charles University, Brussels, Belgium*

O22-2 Can yoga-based mind-body intervention rescue the psychological impact of

infertility in improving ART result?

Sudha Prasad, et al., *Matritava Advanced IVF & Maternity Centre, None, New Delhi, India*

O22-3 Cognitive Behavioral Art Therapy for women undergoing In Vitro Fertilization treatment: Is short-term stress reduction helpful?

Johanna Czamanski-Cohen, et al., *School of Creative Arts Therapies, Faculty of Social Welfare and Health Sciences, University of Haifa, Haifa, Israel*

O22-4 Psychological Resilience protective aspects presented by infertility patients of both genders before the commencement of each new phase of clinical intervention of (ART) Assisted Reproductive Technology

Lizanne Van Waart, et al., *Counseling Reproductive Medicine, Wijnland Fertility, Stellenbosch, Western Cape, South Africa*

O22-5 Follicular sphericity based on 2D to 3D transvaginal ultrasound algorithms predicts ovarian responsiveness to in vitro fertilization in patients with normal ovarian reserve

Yang Jingwei, et al., *Center for Reproductive Medicine, Women and Children's Hospital of Chongqing Medical University, Chongqing, China*

Oral 23

Apr. 28 (Mon.) 16:40-17:43

G502

Reproductive Genetics-1

Chair(s): Tsuyoshi Takiuchi (Japan)

O23-1 NIPT Genetic Counseling in a Case of Vanishing Triplet Following Single Embryo Transfer

Hiroko Kimura, et al., *Department of Obstetrics and Gynecology, Keio University School of Medicine, Tokyo, Japan*

O23-2 snRNA-seq of human ovaries reveals heat shock proteins as the mediator of obesity related cancer risk

Shigang Zhao, et al., *Institute of Women, Children and Reproductive Health, Shandong University, Jinan, Shandong, China*

O23-3 KLF4 deficiency impairs terminal erythropoiesis via activation of MEK/ERK pathway in beta-thalassemia major

Xiaohui Yang, *Department of Reproductive Medicine, The First Affiliated Hospital of Hainan Medical University, Haikou, Hainan, China*

O23-4 Can ART affect the genome of the next generation through interparental gene conversion?

Junpei Toratani, et al., *Department of Obstetrics and Gynecology, Tohoku University School of Medicine, Sendai, Japan*

O23-5 Effects of TUBB8 missense variants on embryogenesis

Naoto Mukaida, et al., *Department of Reproductive Medicine, Hanabusa Women's Clinic, Kobe, Japan*

O23-6 ScRNA and Spatial Transcriptome Map of Adenomyosis Development in Angiogenesis and Fibrosis

Li Ge, et al., *Center for Reproductive Medicine, the Second Hospital, Cheeloo College of Medicine, Shandong University, Jinan, China*

O23-7 Biomarkers and Therapeutic Drugs for Endometrial Cancer in patients with PCOS

Hangjing Tan, et al., *Reproductive medicine center, Xiangya Hospital of Central South University, Changsha, China*

Oral 24

Apr. 29 (Tue.) 9:00-9:45 Hall B5-2

Regenerative Medicine/Stem cells-2

Chair(s): Toshio Hamatani (Japan), Ameet Patki (India)

O24-1 Endometrial mesenchymal stem cells migration in mice with epirubicin-induced premature ovarian failure – the role of SDF-1/CXCR4 axis

Xue Du, et al., *Department of Gynecology, Tianjin Union Medical Center, Hongqiao District, Tianjin, China*

O24-2 Injectable double-network hydrogel with positioning activation of PRP for endometrial regeneration in IUA

Jia Qi, et al., *Department of Reproductive Medicine, Renji Hospital, Shanghai, China*

O24-3 Inhibiting reactive oxygen species (ROS) by antioxidants prevents endometrial mesenchymal stem cells from quitting quiescence during menstruation

Siyu Wang, et al., *Department of Reproduction and Physiology, National Research Institute for Family Planning, Beijing, China, Beijing, China*

O24-4 Mechanism of adipose-derived mesenchymal stem cell regulating macrophage polarisation through PI3K/AKT signalling pathway in the treatment of premature ovarian insufficiency

Manli Zhang, et al., *ICenter for Reproductive Medicine, First Affiliated Hospital of Xinjiang Medical University, Urumqi, Xinjiang, China*

O24-5 Withdrawn

Oral 25

Apr. 29 (Tue.) 9:00-9:54 Hall D7

Reproductive Surgery

Chair(s): Mari Kitade (Japan)

O25-1 A novel intrauterine estrogen-releasing system for preventing the postoperative recurrence of intrauterine adhesion: a multicenter randomized controlled study

Limin Feng, *Beijing Tiantan Hospital, Capital Medical University, Beijing, China*

- O25-2 Reproductive and obstetrics outcomes following surgical interventions for Cesarean Scar Disorder**
 Nozomi Takahashi, et al., *Department of Obstetrics and Gynecology, The University of Tokyo, Tokyo, Japan*
- O25-3 Investigation of the usefulness and perinatal outcome of laparoscopic surgery for 18 patients with juvenile cystic adenomyoma (JCA)**
 Mari Kitade, et al., *Obstetrics and Gynecology, Juntendo University Faculty of Medicine, Tokyo, Japan*
- O25-4 Investigation of miscarriage risk after fertility sparing surgery for severe symptomatic internal and external adenomyosis.**
 Hiroya Itagaki, et al., *Department of Obstetrics and Gynecology, University of Tsukuba, Tsukuba, Japan*
- O25-5 Clinical Report of 21 Cases of Incidental Ovarian and Peritoneal Malignant Tumors Discovered During Infertility Exploration Surgery**
 Dong Huang, et al., *Department of Obstetrics and Gynecology, Sir Run Run Shaw Hospital, School of Medicine, Zhejiang University, Hangzhou, China*
- O25-6 Management and pregnancy outcome of heterotopic interstitial pregnancy after in vitro fertilization-embryo transfer: a retrospective consecutive case series study**
 Chao Wang, et al., *Center for Reproductive Medicine, Peking University Third Hospital, Beijing, China*

Oral 26

Apr. 29 (Tue.)

9:00-9:54

Hall D5

Female infertility-1

Chair(s): TBD

- O26-1 CYP4F11 mutation induces progesterone elevation and female fertility decline through 20-HETE/PGE2**
 Junyu Zhai, et al., *Center for Reproductive Medicine, Ren Ji Hospital, School of Medicine, Shanghai Jiao Tong University, Shanghai, China*
- O26-2 CEFPE Prevents Diminished Ovarian Reserve via Inhibition of Granulosa Cell Senescence**
 ZHU HANFEI, *Ruijin Hospital, Shanghai, China*
- O26-3 Role of Tenascin C in lesion formation in early peritoneal endometriosis**
 Maako Moriyama, et al., *Tottori University, Yonago, Japan*
- O26-4 Sulfur dioxide derivatives impair ovarian function by inhibiting Serpine1/ NF-κB pathway-mediated ovarian granulosa cell survival**
 Shanshan Wu, et al., *Centre of Reproductive Medicine, Department of Obstetrics and Gynaecology, Shengjing Hospital of China Medical University, Shenyang, Liaoning, China*

- O26-5 The effect of metabolic disorders on reproduction focus on local metabolomics changes of ovary and exploratory study of NR therapy**
 Xiaoyu Tu, et al., *Department of Reproductive Endocrinology, Women's Hospital, School of Medicine, Zhejiang University, Hangzhou, China, Hangzhou, Zhejiang, China*
- O26-6 A Double Network Composite Hydrogel with Enhanced Transdermal Delivery by Ultrasound for Endometrial Injury Repair and Fertility Recovery**
 Xin Zhang, et al., *Department of Reproduction and Physiology, National Research Institute for Family Planning, Beijing, China*

Oral 27

Apr. 29 (Tue.)

9:00-9:54

G502

Endometrium and implantation-1

Chair(s): Hidetaka Okada (Japan), Bryan Woodward (UK)

- O27-1 Decidualization failure in infertile women: impact on implantation and trophoblast differentiation**
 Isao Tamura, et al., *Department of Obstetrics and gynecology, Yamaguchi University Graduate School of Medicine, Ube, Japan*
- O27-2 Preceding decidualization promotes endometrial regeneration in the next cycle**
 Keisuke Murakami, et al., *Department of Obstetrics and Gynecology, Juntendo University Faculty of Medicine, Tokyo, Japan*
- O27-3 Comparison of Diagnostic Tests for Chronic Endometritis and Endometrial Dysbiosis in Recurrent Implantation Failure: Impact on Pregnancy Outcomes**
 Daiki Hiratsuka, et al., *Department of Obstetrics and Gynecology, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan*
- O27-4 CDC42 deficiency leads to endometrial stromal cell senescence in recurrent implantation failure**
 Ruiwei Jiang, et al., *Center for Reproductive Medicine and Obstetrics and Gynecology, Nanjing Drum Tower Hospital Affiliated Hospital of Medical School Nanjing University, Nanjing, China*
- O27-5 Withdrawn**
- O27-6 Reproductive outcomes and progesterone levels in frozen embryo transfer (FET): does rescue with parenteral progesterone supplementation really make a difference?**
 Justina Beccar Varela, et al., *Pregna Medicina Reproductiva, Buenos Aires, Argentina*

Oral 28

Apr. 29 (Tue.) 9:45-10:30 Hall B5-2

Endocrinology and PCOS-4

Chair(s): Osamu Yoshino (Japan)

O28-1 Cardiac Inflammation In Polycystic Ovary Syndrome (PCOS): Increased Cardiac Macrophage In PCOS And Its Implication On Ischemic Heart Disease

Ling Gao, *Department of Reproduction and Development, Obstetrics and Gynecology Hospital of Fudan University, Shanghai, China*

O28-2 The intestinal fungus *Aspergillus tubingensis* promotes polycystic ovary syndrome through secondary metabolite

Xinyu Qi, et al., *Center for Reproductive Medicine, Department of Obstetrics and Gynecology, Peking University Third Hospital, Beijing, China*

O28-3 Polycystic ovary syndrome and offspring Th1 cell reduction and intergenerational genetic mechanisms

Yuehong Bian, et al., *Institute of Women, Children and Reproductive Health, Shandong University, Jinan, Shandong, China*

O28-4 *Bacteroides thetaiotaomicron* alleviates the impairment of follistatin on circadian dysrhythmia-induced dyslipidemia in polycystic ovary syndrome

Shang Li, et al., *Center for Reproductive Medicine, Ren Ji Hospital, School of Medicine, Shanghai Jiao Tong University, Shanghai, China*

O28-5 Beneficial effects of *Alchemilla vulgaris* in DHEA-induced rat model of Polycystic Ovarian Syndrome

Zeynep Ece Utkan Korun, et al., *Department of Obstetrics and Gynecology, Yeditepe University Kozyatagi Hospital, Istanbul, Turkey*

Oral 29

Apr. 29 (Tue.) 10:00-10:45 Hall D7

Embryology-2

Chair(s): Kathryn Gebhardt (Australia)

O29-1 TGFBI in the follicular fluid plays a major role in DNA methylation during zygotic genome activation and improves embryonic development

Shunsuke Hara, et al., *Department of Animal Science, Tokyo University of Agriculture, Atsugi, Japan*

O29-2 SHMT2 is essential for mammalian pre-implantation embryonic development through de novo biosynthesis of nucleotide metabolites

Boyang Liu, et al., *State Key Laboratory of Reproductive Medicine and Offspring Health, Shandong University, Jinan, China*

- O29-3 Obesity-associated microRNA induced transgenerational epigenetic effects in the oocytes and acetic acid as the possible countermeasures**
Yuki Inoue, et al., *Department of Animal Science, Tokyo University of Agriculture, Atsugi, Japan*
- O29-4 Centrosomes in human early developmental stage embryo are unstable**
Yuki Ono, et al., *Department of Obstetrics and Gynecology, Akita University Graduate School of Medicine, Akita, Japan*
- O29-5 The role of autophagy in mouse preimplantation embryos**
Anne Quyen Nguyen, et al., *Department of Gynecological Endocrinology, Reproductive Medicine and Osteoporosis, University Hospital Giessen and Marburg, Philipps University of Marburg, Marburg, Germany*

Oral 30

Apr. 29 (Tue.) 10:00-10:45 Hall D5

Female infertility-2

Chair(s): Tomonari Hayama (Japan), Xiang Ma (China)

- O30-1 Late follicular phase ovarian stimulation without exogenous pituitary modulators versus GnRH antagonist protocol in ovulatory infertile women: a randomized controlled trial**
Qiaoling Wang, et al., *Shanghai First Maternity and Infant Hospital, Shanghai, China*
- O30-2 Comparative Effectiveness of 100 IU versus 150 IU Low-Dose hCG Supplementation During the Late Follicular Phase of Ovarian Stimulation in Older Women**
Tu Anh Phi Thi, et al., *Assisted Reproductive Technology Center, Tam Anh General Hospital, Hanoi, Viet Nam*
- O30-3 Prevalence of thyroid autoantibody positivity in women with infertility: a systematic review and meta-analysis**
Yingqin Huang, et al., *Reproductive Medicine Research Center, The First Affiliated Hospital of Guangxi Medical University, Nanning, Guangxi, China*
- O30-4 A Comparison of the Effects of Progestin-Primed Ovarian Stimulation Protocol and Gonadotropin-releasing Hormone Antagonist Protocol in Assisted Reproductive Technology: A Systematic Review and Meta-Analysis**
Shuai Ma, *Department of Obstetrics and Gynecology, The Second Hospital of Jilin University, Changchun, China*
- O30-5 Multi-omics insights into the potential factors involved in the regulation of testosterone levels in diabetes-induced testicular dysfunction**
Zhe Zhang, et al., *Department of Urology, First hospital of China Medical University, Shenyang, Liaoning, China*

Oral 31

Apr. 29 (Tue.) 10:00-10:45 G502

Ovary/ POI-2

Chair(s): Hiroshi Kishi (Japan), Kylie Dunning (Australia)

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- O31-1 Nicotinamide Boosts Oocyte Quantity and Quality by Promoting N4-Acetylated ZAR1 Translation in Systemic Lupus Erythematosus Mice**
Yun Xie, et al., *Center of Reproductive Medicine, The Sixth Affiliated Hospital, Sun Yat-sen University, Guangzhou, China*
- O31-2 Evidence that growth hormone can improve mitochondrial function in oocytes from aged mice**
Hai-yan Hou, et al., *Assisted Conception Unit, The Second Hospital of Tianjin Medical University, Tianjin, China*
- O31-3 Microplastics and nanoplastics contaminate human follicular fluid and are associated with ovarian reserve function: Evidence from a case-control study and mouse model**
Tian Tian, et al., *Center for Reproductive Medicine, Department of Obstetrics and Gynecology, Peking University Third Hospital, Beijing, China*
- O31-4 FSH Trajectories and pregnancy prediction in pathological ovarian aging: a prospective cohort study**
Xue Jiao, et al., *Institute of Women, Children and Reproductive Medicine, Shandong University, Jinan, Shandong, China*
- O31-5 Intraovarian exosome treatment as an effective method to reactivate ovarian function and follicular production for patients of advanced maternal age**
Ulyana Dorofeyeva, et al., *Department of Reproductive Medicine, Ovogene, Bratislava, Slovakia*

Oral 32

Apr. 29 (Tue.) 14:00-14:54 Hall B5-2

ART-5

Chair(s): Yasushi Kawano (Japan), Yingying Qin (China)

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- O32-1 Withdrawn**
- O32-2 Novel Non-Invasive AI Model for Blastocyst Ploidy Prediction Using Time-Lapse Imaging Demonstrates Clinical Efficacy in Embryo Selection**
Akihiro Yanai, et al., *Department of Gynecology and Obstetrics, Kyoto University, Kyoto, Japan*
- O32-3 AI-Powered Embryo Prioritization System Enhances Clinical Outcomes in Frozen-Thawed Embryo Transfer Cycles**
Sunny Sun, et al., *College of Medicine, National Cheng Kung University, Institute of Molecular Medicine, Tainan, Taiwan*

- O32-4 The PAI-1 4G/5G polymorphism and its association with the risk of repeated implantation failure in a Korean population**
Young Min Choi, et al., *Fertility Center, Grace Hospital, Seoul, Korea*
- O32-5 Conflicting evidence of intrauterine immunotherapy in recurrent implantation failure lies in the flawed non-randomized trials: a meta-analysis**
Ezri Chow, et al., *Public Fertility Care, The Royal Women's Hospital, Parkville, Victoria, Australia*
- O32-6 Impact of the first blastocyst vitrification storage duration on pregnancy and neonatal outcomes in preimplantation genetic testing for aneuploidy on vitrified unbiopsied blastocysts**
Qian Zhang, et al., *Center for Reproductive Medicine, Institute of Women, Children and Reproductive Health, Shandong University, Jinan, China*

Oral 33

Apr. 29 (Tue.) 14:00-14:54 Hall D7

Andrology + male infertility-3

Chair(s): Tepppei Takeshima (Japan), Dimitrios Goulis (Greece)

- O33-1 Clinical utility of exome sequencing based molecular diagnostics for male infertility**
Maris Laan, et al., *Chair of Human Genetics, Institute of Biomedicine and Translational Medicine, University of Tartu, Tartu, Estonia*
- O33-2 Discovery of cauda epididymal sperm aspiration(CESA)for azoospermia in spinal cord injury**
Atsushi Tanaka, et al., *Department of Obstetrics and Gynecology, Saint Mother Clinic, Kitakyushu, Japan*
- O33-3 ALKBH5-mediated N6-methyladenosine methylation removal is essential for sex chromosomes synapsis during spermatogenesis**
Qingqing Chen, et al., *Department of Reproductive Endocrinology, Women's Hospital, School of Medicine, Zhejiang University, Hangzhou 310006, China, Hangzhou, China*
- O33-4 Development of male infertility treatment using LEDs**
Kei Daizumoto, et al., *Department of Urology, Tokushima University Graduate School of Biomedical Sciences, Tokushima, Japan*
- O33-5 Dual histone methylation reader ZCWPW2 links histone methylation to initiation of meiotic recombination in mice**
Tao Huang, et al., *State Key Laboratory of Reproductive Medicine and Offspring Health, Center for Reproductive Medicine, Institute of Women, Children and Reproductive Health, Shan dong university, Ji Nan, China*
- O33-6 Effects of autonomic nerves on sperm motility and fertilization**
Tomoko Kawai, et al., *Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama University, Okayama, Japan*

Oral 34

Apr. 29 (Tue.) 14:00-14:54

G502

Endometrium and implantation-2

Chair(s): Isao Tamura (Japan), Ruben Tlapanco (Mexico)

O34-1 Proteomics identifies metabolic shifts during human trophoblast stem cells differentiation

Yibin Pan, et al., *Department of Obstetrics and Gynecology, Sir Run Run Shaw Hospital, Zhejiang University School of Medicine, Hangzhou, China*

O34-2 Menstrual blood mesenchymal stem cell-derived exosomes ameliorate endometrial fibrosis and improve fertility via miR-21-5p/ YAP signaling

Xiaofang Luo, et al., *Department of Reproductive Medicine Center, The First Affiliated Hospital of Chongqing Medical University, Chongqing, China*

O34-3 Establishment of an in vitro implantation model using a newly developed endometrial organoid

Taishi Fujimura, et al., *Department of Obstetrics and Gynecology, Yamaguchi University Graduate school of Medicine, Ube, Japan*

O34-4 Activated CD8(+) tissue-resident memory T cells impact the endometrial receptivity in minimal/mild endometriosis

Xin Huang, et al., *Reproductive medicine, West China Second University Hospital, Chengdu, Sichuan, China*

O34-5 Organoid-Based Fibrosis Model of Endometrial Epithelium: Insights into Intrauterine Adhesion Development

Xinyu Qiao, et al., *Division of Reproductive Medicine, West China Second University Hospital of Sichuan University, Chengdu, Sichuan province, China*

O34-6 Organoid model simulating the endometrial receptivity damage after fertility-sparing treatment of endometrial cancer

Chang Liu, et al., *Department of Reproductive Medicine, Ren Ji Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China*

Oral 35

Apr. 29 (Tue.) 14:15-15:09

G409

Early Pregnancy loss-2

Chair(s): Joe Leigh Simpson (USA)

O35-1 Outcomes of cleavage vs. blastocyst stage embryo transfer in young women with recurrent implantation failure: does embryo stage matters?

Yuan Wang, et al., *Department of Reproductive Medicine, Ren Ji Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China*

O35-2 The effect of thyroid autoimmunity on live birth and miscarriage rate after euploid blastocyst transfer

Hongbin Chi, et al., *Center for Reproductive Medicine, Department of Obstetrics and Gynecology, Peking University Third Hospital, Beijing, China*

- O35-3 Association of history of spontaneous or induced abortion with subsequent risk of hypertensive disorders in pregnancy**
 Bingqian Zhang, et al., *Obstetrics and Gynecology, The First Affiliated Hospital of Shandong First Medical University, Jinan , Shandong, China*
- O35-4 The impact of antibiotic therapy for chronic endometritis on subsequent IVF outcomes in patients with recurrent implantation failure: a meta-analysis**
 Xinghan Cheng, *Department of Obstetrics and Gynecology, Peking Union Medical College Hospital, Chinese Academy of Medical Science and Peking Union Medical College, Chengdu, Sichuan, China*
- O35-5 Pregnancy Outcomes, Placental Histopathology, and Immunohistochemistry in Patients with a history of Recurrent Pregnancy Loss or Implantation Failure undergoing In Vitro Fertilization: A Retrospective Cohort Study**
 Siwon Lee, et al., *Department of Obstetrics & Gynecology, Division of Reproductive Endocrinology & Infertility, Mayo Clinic, Rochester, Minnesota, USA*
- O35-6 Fertility and adverse pregnancy outcomes in women with rheumatic and musculoskeletal diseases: an umbrella review**
 Caixin Yue, et al., *The Reproductive Medical Center, Department of Gynecology and Obstetrics, West China Second University Hospital, Sichuan University, Chengdu, Sichuan, China*

Oral 36

Apr. 29 (Tue.) 15:00-15:54 Hall B5-2

ART-6

Chair(s): Hiromitsu Shirasawa (Japan)

- O36-1 Mitochondrial free radical response of cumulus granulosa cell is a negative predictor for fertilization rate**
 Nuan Lin, et al., *Department of Obstetrics and Gynecology, University of Groningen, University Medical Centre Groningen, Groningen, Netherlands*
- O36-2 BEYOND: a randomised controlled trial (RCT) comparing efficacy and safety of an individualised fixed daily dose of follitropin delta in a gonadotropin-releasing hormone (GnRH) agonist versus antagonist protocol during first ovarian stimulation cycle in participants undergoing in vitro fertilisation (IVF) or intracytoplasmic sperm injection (ICSI)**
 Philippe Pinton, et al., *Global Research & Medical, Ferring Pharmaceuticals, Kastrup, Denmark*
- O36-3 The Correlation Between FSH Dosage and Oocyte Retrieval Outcomes in IVF Cycles**
 Yihsien Enatsu, et al., *Hanabusa women's clinic, Kobe, Japan*

- O36-4 early prediction of fertilization failure prior to initial IVF cycle: a deep learning approach**
Isao Takehara, et al., *Department of Obstetrics and Gynecology, Yamagata University, Yamagata, Japan*
- O36-5 Peri-implantation treatment with TNF- α inhibitor for endometriosis and/or adenomyosis women undergoing frozen-thawed embryo transfer: a retrospective cohort study**
Ping Yin, et al., *Reproductive medicalcare of Kapok Group, Guangzhou, China*
- O36-6 The differences in metabolic system function between opposite-sex twins and same-sex twins**
Huidan Wang, et al., *State Key Laboratory of Reproductive Medicine and Offspring Health, Center for Reproductive Medicine, Institute of Women, Children and Reproductive Health, Shandong University, Jinan, Shadong, China*

Oral 37

Apr. 29 (Tue.) 15:00-15:45 Hall D7

Reproductive Genetics-2

Chair(s): Ryo Maekawa (Japan)

- O37-1 Investigating the pathogenic mechanism of infertility due to compound heterozygous variants in the C11orf80 Gene: A familial study**
Qian Dou, et al., *Reproductive Medicine Center, The Second Affiliated Hospital of Zhengzhou University, Zhengzhou, China*
- O37-2 Comprehensive analysis of infertility related to mitochondrial dysfunction: Identification of *SURF1* (p.D202H) variant in patients with recurrent ART failures**
Xingqiang Wei, et al., *Hanabusa Women's Clinic, Kobe, Japan*
- O37-3 BTG2 expression levels of human granulosa cells is negatively related with ovarian reserve and IVF/ICSI outcomes : a pilot study**
Jiahuan Luo, et al., *Department of Reproductive Genetics, The First Affiliated Hospital of Kunming Medical University, Kunming, Yunnan, China*
- O37-4 Is the 400 μ g/day folic acid supplementation recommended by the Japanese government sufficient for individuals considering homocysteine levels and MTHFR gene polymorphism ?**
Fumitoshi Koga, et al., *Koga Fumitoshi Women's clinic, Fukuoka, Japan*
- O37-5 The impact of severe male factor infertility (SMF) on chromosomal euploidy in embryos**
Phuong Nguyen Thi Minh, et al., *Department of Fertility, My Duc Hospital, Ho Chi Minh, Viet Nam*

Oral 38

Apr. 29 (Tue.) 15:00-15:54

G502

Endometrium and implantation-3

Chair(s): Mitsunori Matsuo (Japan)

- O38-1 Single-cell transcriptomic analysis of endometrial receptivity deficits in recurrent implantation failure patients with adenomyosis**
Chenjia He, et al., *Department of Obstetrics and Gynecology, Ruijin Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China*
- O38-2 Single-Cell Transcriptome Profiling Reveals Dynamic Changes in the Immune Microenvironment of Endometrium in Recurrent Implantation Failure Patients**
Mingyu Liang, et al., *Center for Reproductive Medicine, Department of Obstetrics and Gynecology, Peking University Third Hospital, Beijing, China*
- O38-3 Injectable “Homing-Like” Bioactive Short-Fibers for Endometrial Repair and Efficient Live Births**
Yumeng Cao, et al., *Department of Reproductive Medicine, Ren Ji Hospital, Shanghai, China*
- O38-4 Gut microbiota participates in polystyrene microplastics-induced defective implantation through impairing uterine receptivity**
Jiani Sun, et al., *Centre for Assisted Reproduction, Shanghai First Maternity and Infant Hospital, School of Medicine, Tongji University, Shanghai, China*
- O38-5 Abnormal increase and chemotaxis of endometrial B cells in chronic endometritis affected the endometrial receptivity**
Ruiying Wang, et al., *Department of Obstetrics and Gynecology, West China Second University Hospital of Sichuan University, Chengdu, Sichuan, China*
- O38-6 Reduced Endometrial Epithelial Cell Adhesion During Implantation Window in Chronic Endometritis patients with Recurrent Implantation Failure**
Meihan Xu, et al., *Department of Reproductive Medicine, Ruijin Hospital-Shanghai Jiao Tong University School of Medicine, Shanghai, China, China*

Oral 39

Apr. 29 (Tue.) 15:15-15:51

G409

Safety and Quality

Chair(s): Osamu Hiraike (Japan), Kelly Tilleman (Belgium)

- O39-1 EZH2-mediated regulation of placental SLC7A5 expression by H3K27me3 in fetal growth restriction**
Yuxin Liu, et al., *Department of Reproductive Medicine, Xiangyang Central Hospital, Xiangyang, Hubei, China*

- O39-2 Maternal aspartame consumption during pregnancy disturbs glucose metabolism in adult offspring by targeting TET2-mediated incomplete DNA demethylation in fetal livers**
Jiani Jin, et al., *Key Laboratory of Reproductive Genetics (Ministry of Education) and Department of Reproductive Endocrinology, Women's Hospital, Zhejiang University School of Medicine, Hangzhou, China*
- O39-3 Melatonin-Primed Ovarian Stimulation in Donor Cycles: A Randomized Study on Oocyte Quality and Oxidative Stress**
Natalia Pylypenko, et al., *Medical, Ovogene, Kosice, Slovakia*
- O39-4 A Multidimensional Quality Management Model for Reducing the Risk of Errors in Embryo Thawing Cycle**
Caihong Li, et al., *shenyang jinghua hospital, shenyang, China*

IFFS2025 Poster Presentations

April 27 (Sun.) Odd No. 15:45-16:30

Even No. 16:30-17:15

Andrology

- P1-001 Results of Microdissection TESE for azoospermia after malignant tumor chemotherapy and examination of subsequent pregnancies.**
Nobushige Takahashi, et al., *Department of urology, Katano Hospital, Takatsuki, Japan*
- P1-002 A Study of the Therapeutic Effectiveness of Combined Lifestyle Modification and Kampo Therapy for Idiopathic Spermatogenic Dysfunction**
Masaki Kimura, et al., *Center for Reproductive Medicine, Sugiyama Clinic Shinjuku, Tokyo, Japan*
- P1-003 Abnormal methylation of ST8SIA4 gene in sperm with low motility: identification form a genome-wide approach**
Ming-Tzeung Chung, *Taipei Medical University-Shuang Ho Hospital, Ministry of Health and Welfare, New Taipei City, Taiwan*
- P1-004 *A.brasiliensis* KA21 is effective for erectile dysfunction, and male menopausal disorders.**
Hirobumi Tada, et al., *Department of Nutrition, Faculty of Wellness, Shigakkan University, Obu, Japan*
- P1-005 A new semen container designed to minimize damage to sperm during transportation at low temperature conditions**
Kintaro Hasegawa, et al., *International Center for Reproductive Medicine, Dokkyo Medical University Saitama Medical Center, Koshigaya, Japan*
- P1-006 Overcoming NOA challenges in Africa: an Algerian single center experience with loupes-mTESE**
Nazim Gherabi, et al., *TIZIRI IVF Center, Algiers, Algeria*

Male Infertility

- P1-007 3D simulation analysis of microdissection sperm extraction predicts rapid deterioration of spermatogenesis in non-obstructive azoospermia**
Kentaro Ichioka, et al., *Mens Fertility Clinic Tokyo, Kyoto, Japan*
- P1-008 The efficacy of hormonal treatments for male hypogonadotropic hypogonadism**
Takahiro Imanaka, et al., *Department of Urology, Osaka University Graduate School of Medicine, Suita, Japan*
- P1-009 Investigation of the Standardization of Sperm Evaluation in Testicular Sperm Extraction and its clinical utility**
Takayuki Tanaka, et al., *torch clinic, Tokyo, Japan*

- P1-010 Patients with gonadotropic hypogonadism treated with hCG-rhFSH(including hCG alone) verification of semen findings.**
Shinjiro Takeuchi, et al., *Department of Urology, Toho University Omori Medical Center, Tokyo, Japan*
- P1-011 A case study of total fertilization failure in a OAT patient with a novel nonsense mutation of PNLDC1**
Qi Fang, et al., *Department of Reproductive Medicine, Tianjin First Central Hospital, Tianjin, China*
- P1-012 Identification of the gene responsible for male infertility in brothers using whole exome sequencing**
Takehiro Yamamoto, et al., *Pharmaceutical Information Science, Faculty of Pharmaceutical Sciences, Tokushima University, Tokushima, Japan*
- P1-013 The influence of orgasm on semen quality-A single-center retrospective study-**
Nobuyuki Kondoh, et al., *Assisted Reproductive Technology Center, Daini Kyoritsu Hospital, Kawanishi, Japan*
- P1-014 Evaluation of the utility of Creatine-Chemical Exchange Saturation Transfer MRI for non-invasive assessment of intratesticular spermatogenic capacity in humans**
Norichika Ueda, et al., *Department of Urology, Osaka University Graduate School of Medicine, Suita, Japan*
- P1-015 Impact of current and previous sperm findings on outcomes of intrauterine insemination**
Hiroe Okada, et al., *Department of Obstetrics and Gynecology, Shimane University Faculty of Medicine, Izumo, Japan*
- P1-016 Experience of low ligation for hydrocele in Kindai University**
Mitsuhisa Nishimoto, et al., *Department of Urology, Kindai University Faculty of Medicine, Osaka-Sayama, Japan*
- P1-017 Evaluation of Salvage Hormonal Therapy (SHT) Using Human Chorionic Gonadotropin (hCG), Clomiphene, and Letrozole for Non-obstructive Azoospermia (NOA) Patients with Failed Sperm Retrieval in Microdissection Testicular Sperm Extraction (mTESE)**
Ikue Ishikawa, et al., *Kyono ART Clinic Morioka, Morioka, Japan*
- P1-018 A Case Report of Testicular and Penile Burn Injury: Hormonal Changes and Semen Analysis**
Takatoshi Moriwake, et al., *Department of Urology, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama, Japan*
- P1-019 Relationship between sexual function and semen quality in Japanese male infertility patients**
Kazumitsu Yamasaki, et al., *Department of Urology, Tsukuba Gakuen Hospital, Tsukuba, Japan*

- P1-020 A Case of Azoospermia with DAX1 Gene Mutation and Low Testosterone**
Masahito Masato, et al., *Urology, Toho University Omori Medical Center, Tokyo, Japan*
- P1-021 Clinical Investigation of Semen Analysis through Preconception Sperm Screening in a Men's Health Clinic**
Takashi Hirayama, et al., *Osaka-umeda Shinshi Clinic, Osaka, Japan*
- P1-022 Application of physiological sperm selection using membrane structure for conventional IVF**
Jin Yamatoya, et al., *Department of Urology, Showa University Koto Toyosu Hospital, Tokyo, Japan*
- P1-023 Effect of Different Sperm Conditioning Methods on Culture Outcome of ICSI Methods**
Noriyuki Yokomichi, et al., *Kyoritsu Obstetrics and Gynecology Clinic, Kawasaki, Japan*
- P1-024 The utility of sperm DNA fragmentation as a diagnostic tool for male infertility and its predictive value for assisted reproductive technology outcomes**
Coral Zurera-Egea, et al., *Genetics of Male Fertility Group. Unitat de Biologia Cel·lular. Departament de Biologia Cel·lular, de Fisiologia i d'Immunologia, Universitat Autònoma de Barcelona, Bellaterra (Cerdanyola del Vallès), Spain*
- P1-025 A case of hypogonadotropic hypogonadism combined with varicocele and obstructive azoospermia.**
Hiroki Shibata, et al., *Department of Urology, Chiba University, Graduated school of Medicine, Chiba, Japan*
- P1-026 A longitudinal study on risk factors of abnormal semen parameters at a specialist hospital in the Gambia**
Matthew Anyanwu, et al., *Obstetrics and Gynaecology, 1. Department of Obstetrics and Gynaecology Elemats Specialists Hospital Senegambia in KMC, The Gambia 2. Department of Obstetrics and Gyna, Banjul, Gambia*
- P1-027 ICP-MS for Multi-Element Seminal Plasma Analysis in Male Infertility: A Literature Synthesis and Project Update**
Kosuke Kojo, et al., *Department of Tsukuba, University of Tsukuba, Tsukuba, Japan*
- P1-028 A case of pregnancy via testicular sperm extraction for ejaculatory disorder that occurred after imperforate anus surgery**
Jurii Karibe, et al., *Department of Urology, Reproduction center, Yokohama City University Medical center, Yokohama, Japan*

ART

- P1-029 Conception to Childhood: Unraveling the Immune Story of ART Kids**
Vyacheslav Lokshin, et al., *International Clinical Center for Reproductology "PERSONA", Almaty, Kazakhstan*

- P1-030 Predicting implantation by using dual AI system incorporating three-dimensional blastocyst image and conventional embryo evaluation parameters**
Yasunari Miyagi, et al., *Artificial Intelligence, Medical Data Labo, Okayama, Japan*
- P1-031 Effectiveness of follitropin delta in patients with potential poor response: A post hoc analysis from the ESTHER-1 trial**
Rita Lobo, et al., *Global Research and Medical, Ferring Pharmaceuticals, Kastrup, Denmark*
- P1-032 Optimal timing of ovulation trigger for final maturation in IVF differs from Gn-RH agonist and HCG**
Noritoshi Enatsu, et al., *Hanabusa Women's Clinic, Kobe, Japan*
- P1-033 Mid-luteal serum progesterone levels and pregnancy outcomes in frozen embryo transfer cycles: a prospective observational study**
Kanad Dev Nayar, et al., *Department of Reproductive Medicine, Akanksha IVF Centre, Mata Chanan Devi Hospital, New Delhi, India*
- P1-034 Perinatal outcome of pregnancies after fertility treatment**
Mari Kawanami, et al., *Department of Obstetrics and Gynecology, Nagaoka Red Cross Hospital, Nagaoka, Japan*
- P1-035 Characteristics of chronic endometritis by immunohistological examination in patients with recurrent implantation failure and recurrent pregnancy loss**
Gaku Minase, et al., *OBIHIRO ART CLINIC, Obihiro, Japan*
- P1-036 'Short-Progestin Primed Ovarian Stimulation' (Short-PPOS) protocol for preventing ovarian hyper stimulation (OHSS) without decreasing ovarian response**
Kenji Kaibara, et al., *Kaibara Ladies Clinic, Tokyo, Japan*
- P1-037 Frozen-thawed Embryo Transfers in Natural Ovulation Cycles Have Lower Miscarriage Rates than Hormone Replacement Cycles**
Haruhisa Konishi, et al., *IVF Namba clinic, Osaka, Japan*
- P1-038 Pelvic inflammatory disease after oocyte retrieval and frozen embryo transfer in patients with endometriosis: Evaluation of a Combined Antibiotic Prevention Strategy**
Maho Furukawa, et al., *Department of Obstetrics and Gynaecology, The University of Tokyo, Tokyo, Japan*
- P1-039 The addition of dydrogesterone improves the outcomes of pregnant women with low progesterone levels when receiving vaginal progesterone alone as luteal support in HRT-FET cycles**
Michiharu Horikawa, et al., *Women's Clinic Oizumigakuen, Tokyo, Japan*
- P1-040 Fetal reduction from dichorionic twin pregnancies to singleton pregnancies: when is the optimal time?**
Minyue Tang, et al., *Department of Reproductive Endocrinology, Women's Hospital, School of Medicine, Zhejiang University, Hangzhou, Zhejiang, China*

- P1-041 The impact of endometrial preparation for frozen embryo transfer on severe secondary postpartum hemorrhage**
Saori Kamei, et al., *Department of Obstetrics and Gynecology, Adachi Hospital, Kyoto, Japan*
- P1-042 A Study of Frozen Embryo Transfer Using the Low Ovarian Stimulation (mild-OS) Endometrial Preparation Method**
Mayu Nagata, et al., *Center for Reproductive Medicine, IVF Nagata Clinic, Fukuoka, Japan*
- P1-043 Ovarian stimulation in ART: A comparative study of the progesterone-primed method (PPOS) and the ultra-short Method**
Yukako Sano, et al., *Center for Reproductive Medicine, IVF Nagata Clinic, Fukuoka, Japan*
- P1-044 The Impact of Assisted Reproductive Technologies on the Elevation of Offspring Blood Pressure: A Retrospective Cohort Study**
Linlin Cui, et al., *Department of Reproductive Medicine, The Second Hospital of Shandong University, Jinan, Shandong, China*
- P1-045 Enhancement of the Tissue Factor Coagulation System Associated with Elevated Estradiol Levels During Controlled Ovarian Stimulation: An Analysis Using the High-Sensitivity Thrombin Generation Assay**
Shigeru Matsuda, et al., *Department of Obstetrics and Gynecology, Nippon Medical School Hospital, Tokyo, Japan*
- P1-046 Successful pregnancy and live birth in a woman with type II 3 β -hydroxysteroid dehydrogenase deficiency through IVF frozen-thawed embryo transfer**
Kahoko Oiwa, et al., *Division of Reproductive Medicine, National Center for Child Health and Development, Tokyo, Japan*
- P1-047 Assessing the relationship between chromosome number and pronuclear size as a potential biomarker for aneuploidy in mouse oocytes**
Wei Xiao, et al., *Graduate School of Environmental, Life, Natural Science and Technology, Okayama University, Nanning, China*
- P1-048 The effectiveness of delayed-start ovarian stimulation protocol with a gonadotropin-releasing hormone antagonist, medroxyprogesterone acetate, and high-dose gonadotropin for poor responders and patients with poor-quality embryos, and the effective starting date of medroxyprogesterone acetate.**
Yuji Orita, et al., *Center for Reproductive Medicine, Takeuchi Ladies Clinic, Kagoshima, Japan*
- P1-049 Comparison of Perinatal Outcomes Between Progestin Prime Ovarian Stimulation (PPOS) Protocol and GnRH Antagonist Protocol: Impact on Gender Determination**
Nanako Iwami, et al., *Kamiya Ladies Clinic, Sapporo, Hokkaido, Japan*

- P1-050 MRI-Based adenomyosis subtypes predict IVF-ET outcomes: advanced type linked to poorer pregnancy and live birth rates**
Chihiro Ishizawa, et al., *Department of Obstetrics and gynecology, The University of Tokyo Hospital, Tokyo, Japan*
- P1-051 A randomised controlled study on the use of virtual reality for pain relief in oocyte retrieval under transvaginal ultrasound guidance using paracervical block and conscious sedation**
Ernest Hung Yu Ng, et al., *Department of Obstetrics and Gynaecology, The University of Hong Kong, Hong Kong, China*
- P1-052 Interval between two ovarian stimulation cycles and reproductive outcomes**
Weilin Li, et al., *Shandong University, Jinan, Shandong, China*
- P1-053 Can the use of Piezo ICSI reduce abnormalities in the first cleavage?**
Kyoko Kido, et al., *Soranomori KYUSHU, Kurume, Japan*
- P1-054 Outcomes of long-term GnRH agonist treatment for premature ovarian insufficiency**
Haruka Suzuki, et al., *Daigo Watanabe Clinic, Kyoto, Japan*
- P1-055 Use of calcium ionophore and strontium chloride separately in a single in vitro fertilization cycle for a patient with fertilization failure: A case report**
Yuna Okada, et al., *Department of Obstetrics and Gynecology, Chiba University Hospital, Chiba, Japan*
- P1-056 Study on Luteinizing Hormone Levels and Clinical Outcomes in Frozen-Thawed Embryo Transfers within Natural Cycles**
Tomoyo Kusuda, et al., *Department of Reproductive Medicine, Hiroshima Chuo-dori Katsuki Hospital, Hiroshima, Japan*
- P1-057 Effect of total dose of gonadotropin on blastulation rate- a multicentric retrospective observational study**
Sravya Pilla, et al., *Department of Reproductive Medicine, Junior Consultant, Ferty9 Fertility Center, Hyderabad & Telangana, India*
- P1-058 Effect of In vitro Fertilization on Cardiac Health in Mice**
Zhirong Zhang, et al., *The Second Hospital, Cheeloo College of Medicine, Shandong University, Jinan, Shandong, China*
- P1-059 IVF cycles in a chronic kidney disease patient on maintenance dialysis with high ovarian reserve and elevated risk of ovarian hyperstimulation syndrome (OHSS): A case report**
Takeshi Goto, et al., *Department of Obstetrics and Gynecology, The University of Osaka, Suita, Japan*
- P1-060 A study of the effect of aspiration pressure of the reduced needle on oocyte retrieval outcome**
Shuko Murata, et al., *Department of Obstetrics and Gynecology, Tokyo Women's Medical University, Tokyo, Japan*

- P1-061 The Efficacy of High-Concentration Hyaluronan-Enriched Medium (EmbryoGlue) in Frozen-Thawed Blastocyst Transfer in Takasaki ART Clinic**
Tokie Kobayashi, et al., *Takasaki ART Clinic, Takasaki, Japan*
- P1-062 Effects of hormone changes 12 h after hCG trigger or GnRH-a trigger of on the outcomes of GnRH-ant protocol IVF treatment**
Huihua Wu, et al., *Center for Human Reproduction and Genetics, The Affiliated Suzhou Hospital of Nanjing Medical University, Suzhou, China*
- P1-063 Hormone replacement therapy does not impact the cognitive development of singletons born after frozen embryo transfer compared with natural cycle**
Xiaomeng Shi, et al., *Department of Obstetrics and Gynecology, Chongqing Health Center for Women and Children, Chongqing, China*
- P1-064 Assisted reproductive treatments resulting in twin pregnancies: A risk factor of offspring pediatric cardiovascular morbidity?**
Naama Steiner, et al., *Department of Obstetrics and Gynecology, Soroka University Medical Center, Ben-Gurion University of the Negev, Beer-Sheva, Israel, Israel*
- P1-065 Comparison of Long Acting GnRH Agonist Protocol with GnRH Antagonist Protocol to Evaluate Maternal Outcomes in Women Undergoing Assisted Reproductive Technique: A Retrospective Cohort Study**
Mariam Faruqui, et al., *Hope Infertility Centre, Dhaka, Bangladesh*
- P1-066 Factors affecting the sex ratio of live births in frozen-thawed blastocyst transfers**
Yasuko Sano, et al., *Denentoshi Ladies Clinic, Yokohama, Japan*
- P1-067 Is ERA Testing Necessary in ART Practice?**
Masahiro Ito, et al., *SeKiel Ladies Clinic, Takasaki, Japan*
- P1-068 Clinical Pregnancy Rates in First Embryo Transfer: A Comparative Analysis of Vaginal and Oral Progesterone Administration**
Sho Fujiwara, et al., *Department of reproductive Medicine, IVF Namba clinic, Kyoto, Japan*

Early Pregnancy Loss/Recurrent Pregnancy Loss

- P1-069 High-concentration of estrogen after ovarian hyperstimulation leads to increased ubiquitination degradation of cervical collagen in mice**
Shiyu Bai, et al., *Sun Yat-sen Memorial Hospital of Sun Yat-sen University, Guangzhou, China*
- P1-070 A comparasion of Iatrogenic multi-fetal pregnancy reduction and expectant management in bipartite chorionic twin fetuses patients: A retrospective cohort study**
Yueduo Chen, et al., *Center for Reproductive Medicine, Women and Children's Hospital of Chongqing Medical University, Chongqing, China*

- P1-071 a case treated using low dose aspirin for preterm premature rupture of membrane and subchorionic hematoma at 13 weeks of gestation with reduced activity of protein s.**
Taku Kawashima, et al., *Department of Obstetrics and Gynecology, Jichi Medical University Saitama Medical Center, Tokyo, Japan*
- P1-072 The potential roles of m6A modifications in early embryonic development and immune tolerance at the maternal-fetal interface**
Hong Liu, et al., *Department of Reproduction, Maternal and Child Health Hospital of Hubei Province, Affiliated in Tongji Medical College, Huazhong University of Science and Technology, Wuhan, China*
- P1-073 Clinical Implications of Biochemical Pregnancy Loss in Recurrent Pregnancy Loss Patients: A Study of PGT-A Cases Excluding Embryonic Factors**
Yoshimitsu Kuwabara, et al., *Department of obstetrics and gynecology, Nippon medical school, Tokyo, Japan*
- P1-074 Exploring Early and Recurrent Pregnancy Loss Among African Indigenous Communities: Bridging Traditional Knowledge and Modern Science**
Anthony Etsibah, et al., *Department of Obstetrics and Gyneacology, Lapaz Community Hospital, Lapaz, Accra, Ghana*

Embryologist/Laboratory

- P1-075 Usefulness of one-step thawing in the closed-system vitrification method**
Yamato Mizobe, et al., *Center for Reproductive Medicine, Takeuchi Ladies Clinic, Kagoshima, Japan*
- P1-076 (Lab Perspective)-We agreed on ESHRE, add-ons, and good practice recommendations.**
Chand Mohamad, et al., *Embryology, Crysta IVF & Life PVT LTD, Lucknow & Uttar Pradesh, India*
- P1-077 Artificial oocyte activation with calcium ionophore improves embryonic development and pregnancy outcomes in patients without fertilization failures**
Etsuko Furukawa, et al., *Sakura-harune clinic ginza, Tokyo, Japan*
- P1-078 Impact of a Low-Lactate Culture Medium on Embryo Culture and Transfer Outcomes in Sibling Oocytes**
Takuya Kaneko, et al., *Department of Reproductive Medicine, Sakura-harune clinic ginza, Yokohama, Japan*
- P1-079 How to choose laboratory protocol for patients undergoing natural cycle afternoon egg retrieval due to changes**
Min Zhang, et al., *Institute of Women, Children and Reproductive Health, the Second Hospital, Cheeloo College of Medicine, Shandong University, Jinan, Shandong, China*

- P1-080 Age and Duration of Cryopreservation Effects on Embryological Parameters and Pregnancy Outcomes After Oocyte Thawing: A Multicenter Retrospective Analysis**
Mingxia Gao, et al., *Reproductive Medicine Center, Lanzhou University First Hospital, Lanzhou, Gansu, China*
- P1-081 Measuring Oxygen Consumption in maturing bovine oocytes – a novel technique study**
Grace Doherty, et al., *University of Hull, Hull, UK*

Embryology

- P1-082 The 1000 oocyte study: A prospective cohort study on the different types of dysmorphic oocytes observed in Filipino women undergoing IVF-ICSI, their incidence, relationship to patient characteristics, stimulation protocols and outcomes**
Eileen Sy, et al., *CO-SY Fertility Clinic and IVF Center, Angeles City, Philippines*
- P1-083 Effect of paternal aging on semen and embryonic developmental kinetics and scores**
Taiyo Yamamoto, et al., *Mine Ladies Clinic, Tokyo, Japan*
- P1-084 The impact of perivitelline space size in pronuclear stage embryos on embryonic development**
Kohei Mizuno, et al., *Kusuhara Women's Clinic, Tokyo, Japan*
- P1-085 Oocyte selection through artificial intelligence: A novel predictive model to support clinical decision-making and improve IVF outcomes**
BIROL AYDIN, et al., *Department of Reproductive Medicine and Egg Bank, Ovogene, Bratislava, Slovakia*
- P1-086 Embryo morphokinetics of an androgenetic complete hydatidiform mole following intracytoplasmic sperm injection: A case report with time-lapse monitoring images**
Asuka Sato, et al., *Department of Obstetrics and Gynecology, Chiba University Hospital, Chiba, Japan*
- P1-087 Effectiveness of assisted oocyte activation in cases with low fertilization rates**
Natsumi Kawaguchi, et al., *Department of Obstetrics and Gynecology, Kyono ART Clinic Sendai, Sendai, Japan*
- P1-088 The Follicular Immune Landscape May Predict Embryo Developmental Competence**
Udayanga Sanath Kankanam Gamage, et al., *HORAC Grand Front Osaka Clinic, Osaka, Japan*

- P1-089 Identification of the S-phase of mice parthenote embryos -challenge towards creating new oocytes via nuclear transfer of parthenogenetically replicated female genomes**
Takeki Sato, et al., *Department of Obstetrics and Gynecology, Tohoku University Hospital, Sendai, Japan*
- P1-090 Correlation study between AI-based embryo evaluation system iDAScore Version 2 and morphological assessment**
Manabu Satoh, et al., *IVF Namba Clinic, Osaka, Japan*
- P1-091 Dynamics of components of positive transcription elongation factor b (P-TEFb) during the early embryonic development in mice.**
Satsuki Takashima, et al., *Department of Genetic Engineering, Faculty of Biology-Oriented Science and Technology,, Kindai University, Wakayama, Japan*
- P1-092 Impact of Zona Pellucida Hardening Prior to Fertilization on Embryo Implantation Rates in the Context of Non-Assisted Hatching**
Pratyusita Mishra, et al., *Department of Embryology, Imprimis IVF & Fertility Centre, Bhubaneswar, Odisha, India*
- P1-093 The effect of BGP-15 intervention on bovine oocyte quality and in vitro fertilization-embryo development potential**
SHUTING YE, et al., *Graduate School of Medicine, Osaka Metropolitan University, Osaka, Japan*

Endometrium/Implantation

- P1-094 Endometrial compression in patients with chronic endometritis does not predict pregnancy outcomes during the frozen-thawed embryo transfer cycle**
Zizhen Guo, et al., *Shandong University of Traditional Chinese Medicine Affiliated Hospital, Jinan, Shandong, China*
- P1-095 Investigating mTOR inhibitor as a Potential Strategy for Preventing Tamoxifen-Induced Endometrial Proliferation in an In Vitro Model**
Akiko Nakamura, et al., *Obstetrics and Gynecology, Shiga University of Medical Science, Otsu, Japan*
- P1-096 A study of the efficacy of recurrent miscarriage testing in patients with implantation disorders.**
Shiori Seki, et al., *Yoshihiro Women's Clinic, Tokyo, Japan*
- P1-097 Endometrial small extracellular vesicles in the implantation phase promote cytotrophoblast cell fusion.**
Tsutomu Ohara, et al., *Department of Obstetrics and Gynecology, Kyoto University Hospital, Kyoto, Japan*
- P1-098 Chronic endometritis in women with infertility: prevalence and effects of treatment**
Hajime Yodate, et al., *Department of Obstetrics and Gynecology, Toho University Medical Center Sakura Hospital, Chiba, Japan*

- P1-099 Loss of miR-424 and miR-503 Promotes Decidualization of Human Endometrial Stromal Cells via Of expression of FOXO1 and SCARAS**
Tetsu Yamaguchi, et al., *Obstetrics and gynecology, Saitama Medical University, Iruma, Japan*
- P1-100 The impact of endometrial hyperplasia on reproductive outcomes after frozen embryo transfer: a propensity score-matched study**
Qinling Zhu, et al., *Center for Reproductive Medicine, Ren ji Hospital, School of Medicine, Shanghai Jiao Tong University, Shanghai, China*
- P1-101 Dysbiosis of the endometrial microbiota may affect implantation in assisted reproductive technology.**
Motowo Nabeta, et al., *TSUBAKI Women's Clinic, Matsuyama, Japan*
- P1-102 Clinical Outcome Analysis and Transfer Strategy Selection of Sequential Embryo Transfer in Patients with Implantation Failure**
Qi Jiang, et al., *Shanghai Changzheng Hospital, Shanghai, China*
- P1-103 Cyclooxygenase/prostaglandin-regulated endometrial epithelial cell growth and cytokine signaling**
Xuejiao Bian, et al., *Center for Reproductive Medicine, Renji Hospital, School of Medicine, Shanghai Jiao Tong University, Shanghai, China*
- P1-104 Three cases of recurrent implantation failure after cervical trachelectomy for cervical cancer in which endometrial microbiome testing was performed**
Nobuki Hayashi, et al., *Department of Obstetrics and Gynecology, Nihon University Itabashi Hospital, Tokyo, Japan*
- P1-105 Problematic issues related to the phenotypic characteristics, persistence and progression of chronic endometritis**
Oliko Murgulia, *In-vitro, Georgian-German Reproduction Center, Tbilisi, Georgia*
- P1-106 Progesterone facilitates metabolic processing for endometrial secretions during early embryo development**
Lin Valerie, et al., *School of Biological Sciences, Nanyang Technological University, Singapore*

Female Infertility

- P1-107 Microbial flora: emerging biomarkers and potential treatments for endometriosis**
Min Wang, et al., *Jilin University, Changchun, China*
- P1-108 Endometrial pattern predicts pregnancy outcome in single-blastocyst frozen-embryo transfer**
Kazutaka Kuramoto, et al., *Kuramoto Women's Clinic, Hakata, Japan*

- P1-109 The Relumina test: short-term oral relugolix for rapid-growing uterine fibroids that leiomyosarcoma cannot be excluded in women who wish for future pregnancy**
Hiroshi Ishikawa, et al., *Department of Obstetrics and Gynecology, Reproductive Medicine, Chiba University Graduate School of Medicine, Chib, Japan*
- P1-110 Prediction models for the quantity and quality of the ovarian reserve using machine learning**
Hiroshi Koike, et al., *Department of Obstetrics and Gynecology, Faculty of Medicine, The University of Tokyo, Tokyo, Japan*
- P1-111 Clinical study on timing of frozen-thawed embryo transferon pregnancy outcomes**
Luyao Wang, et al., *Center for Reproductive Medicine, Second Hospital of Jilin University, Changchun, Jilin, China*
- P1-112 Impact of Mitochondrial Transfer and Mitovesicles Release on Germ Cell Quality in the Aging Ovarian Microenvironment**
Chia-Jung Li, et al., *Department of Obstetrics and Gynecology, Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan*
- P1-113 Mendelian randomization and single cell transcriptome comprehensive analysis reveal the causal relationship between tryptophan and spontaneous abortion**
Yukun Li, et al., *Department of Assisted Reproductive Centre, Zhuzhou Central Hospital, Xiangya Hospital Zhuzhou Central South University, Central South University, Zhuzhou, Hunan, China*
- P1-114 CWF19L2 is Essential for Female Fertility and Embryogenesis by Regulating Alternative Splicing**
Zi-jiang Chen, et al., *Institute of Women, Children and Reproductive Health, Shandong University, Jinan, Shandong, China*
- P1-115 A case of postoperative pituitary adenoma requiring high-dose gonadotropin for follicular development and resulting in pregnancy**
Izumi Tokito, et al., *Department of Obstetrics and Gynecology, Kitasato University School of Medicine, Sagamihara , Japan*
- P1-116 Three decades of learnings with follitropin beta**
Keith Gordon, et al., *GMA, Organon Inc, Norfolk, USA*
- P1-117 The Relationship between RI Measurement of Radial Artery Blood Flow in the Uterus and Endometrial Immunity**
Maya Omote, et al., *Department of Obstetrics and Gynecology, Hyogo Medical University, Nishinomiya, Japan*
- P1-118 Comparative Study of Female Reproductive Tract Infection in Women with & without Assisted Pregnancy**
Faiza Shaikh, et al., *Research & Development, Bhittai Dental & Medical College and welfare Hospital Mirpurkhas, Hyderabad, Pakistan*
- P1-119 Research Progress on the Correlation between Gardnerella vaginalis and Female Infertility**
Shuyu Guo, et al., *, China*

- P1-120 Establishing diagnostic cut off limits for uterine artery doppler indices in unexplained infertility - A cross sectional analysis.**
Bishnupriya Moharana, et al., *Department of obstetrics and gynaecology, AIIMS Hospital, Nagpur, Maharashtra, India*
- P1-121 Cost-effective Analysis for Progesterin-primed Ovarian Stimulation (PPOS) under Health Insurance in Japan**
Ryo Izumi, et al., *Department of Obstetrics and Gynecology, Jichi Medical University, Shimotsuke, Tochigi, Japan*
- P1-122 Effect of Zumba Exercise training on Arterial stiffness, Pulse Wave Velocity and Serum Homocysteine Levels among female adults with PCOD**
Satish Dipankar, et al., *Physiology, All India Institute of Medical Sciences, Mangalagiri, Andhra Pradesh, India*
- P1-123 The Silent Strain: How Subfertility-Related Stress Transforms Menstrual Health**
Anton Tanjung, et al., *Departement of Obstetrics and Gynecology, Cipto Mangunkusumo Hospital, Faculty of medicine, Universitas Indonesia, Jakarta, Indonesia*
- P1-124 Association of HOMA-IR with unexpected poor ovarian response in non-obese women in poseidon 1: a retrospective cohort study**
Yan Li, *Department of Reproductive Medicine, Henan Provincial People's Hospital, Zhengzhou, China, China*
- P1-125 In-vitro fertilization (IVF) outcomes among women with Endometrial Hyperplasia (EH) and Endometrial Cancer (EC) opted for Oncofertility Management**
Nurul Wahidah Abdul Rashid, et al., *Advanced Reproductive Therapy Centre, Department O&G, Hospital Tunku Azizah, Kuala Lumpur, Malaysia*

Fertility Preservation

- P1-126 Fertility preservation network in Kanagawa Prefecture (KanaOF-Net) efficiently connected cancer care provider and fertility preservation provider under COVID-19 pandemic**
Tomonari Hayama, et al., *Center for Reproductive Medicine, Yokohama City University Medical Center, Yokohama, Japan*
- P1-127 Unilateral Endometrial Cancer in Uterus Didelphys: Successful Pregnancy After Hemihysterectomy**
Rikako Ito, et al., *Obstetrics and Gynecology, Iwate Medical University Hospital, Morioka, Japan*
- P1-128 A retrospective study of 142 cases of fertility preservation sperm freezing for male cancer patients over the 20 years since the opening of our clinic.**
Kento Misawa, et al., *Asada Ladies Clinic, Nagoya, Japan*

- P1-129 Investigating the Follicle Preservation Effects of mTOR Inhibitors on Primordial Follicle Loss During Ovarian Cryopreservation and Transplantation**
Akie Takebayashi, et al., *Shiga University of Medical Science, Otsu, Japan*
- P1-130 mTOR Inhibitors as Fertility Guardians in Women with Hematologic Cancers**
Yoshie Matsuda, et al., *Shiga University of Medical Science, Otsu, Japan*
- P1-131 A study on cases of discarded frozen ovarian tissue for fertility preservation**
Kentaro Nakamura, et al., *St. Marianna University School of Medicine, Kawasaki, Japan*
- P1-132 The prevalence of uterine endometrial cancer and endometrial atypical hyperplasia in infertile women, and their pregnancy outcomes after fertility-sparing treatment**
Yuri Mizusawa, et al., *Reproductive Medicine, Hanabusa Women's Clinic, Kobe, Japan*
- P1-133 Elective oocyte cryopreservation for non-medical reasons in a patient with endometriosis using the progestin-primed ovarian stimulation protocol under continuous administration of Dienogest**
Rio Suzuki, et al., *Department of Obstetrics and Gynecology, Toho University Omori Medical Center, Tokyo, Japan*
- P1-134 Withdrawn**
- P1-135 Investigation of influencing factors of Anti-Mullerian Hormone Deline Rate and Implications for Reproductive Longevity in Women**
Yingying Qin, et al., *Ceter for Reproductive Medicine, Shandong University, Jinan, Shandong, China*
- P1-136 The effectiveness of oocyte and embryo cryopreservation for fertility preservation in cancer patients**
Yukiko Okumura, et al., *Department of Obstetrics and Gynecology, The Jikei University School of Medicine, Tokyo, Japan*
- P1-137 The importance of awareness-raising activities and follow-up for fertility preservation treatment, based on the current state of fertility preservation treatment at our hospital**
Hitomi Neno, et al., *Department of Obstetrics and Gynecology, Gunma University Hospital, Maebashi, Japan*
- P1-138 A retrospective review of fertility preservation treatments at a single academic medical center in Japan**
Nahomi Umemura, et al., *Department of Obstetrics and Gynecology, Toho University Omori Medical Center, Tokyo, Japan*
- P1-139 Prior endometrial carcinoma/atypical endometrial hyperplasia impaired embryo implantation: a propensity score-matched retrospective cohort study.**
Yanying Lin, et al., *Fujian Maternity and Child Health Hospital, Fuzhou, Fujian, China*

- P1-140 A retrospective study of clinical outcomes in fertility preservation cases at our hospital**
Rika Noguchi, et al., *Department of Center for Maternal Fetal and Neonatal Medicine, Saitama Medical Center, Saitama Medical University, Kawagoe, Japan*
- P1-141 The status of fertility preservation for medical reasons at our clinic**
Koji Koike, et al., *Nakamura Ladies Clinic, Suita, Japan*
- P1-142 Quantification of residual cryoprotectants and cytotoxicity in thawed bovine ovarian tissues after slow freezing or vitrification and investigation of the optimal culture time for warmed bovine ovarian tissues before transplantation**
Yodo Sugishita, et al., *Department of Obstetrics and Gynecology and Department of Frontier Medicine, St. Marianna University, Kawasaki, Japan*
- P1-143 Progesterone primed ovarian stimulation: whether there is an effect on embryo euploidy and pregnancy rate in IVF programs with donor oocytes.**
Aigerim Abshekenova, *International Clinical Centre PERSONA, Almaty, Kazakhstan*

Ovary/POI

- P1-144 Optimized methods for isolation and prolonged *in vitro* cultivation of human granulosa cells**
Ivan Bochev, et al., *Institute of Biology and Immunology of Reproduction, Bulgarian Academy of Sciences, Sofia, Bulgaria*
- P1-145 mTOR Inhibitors and the Prevention of Chemotherapy-Induced Primordial Follicle Loss in a Murine Model**
Yuji Tanaka, et al., *Department of Obstetrics and Gynecology, Shiga University of Medical Science, Otsu, Japan*
- P1-146 analysis of full transcription group of follicular granulosa cells in young patients with diminished ovarian reserve**
Peizhe Tian, *reproductive medicine, The People's Hospital of Zhengzhou University, Jinshui, Zhengzhou, China*
- P1-147 The Molecular Mechanism by Which circRHOBTB3 Affects Granulosa Cell Proliferation Leading to Diminished Ovarian Reserve Function**
Jiabing Li, *Centre of Reproductive Medicine, Ruijin Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China*
- P1-148 Investigating the effects of hypothyroidism and thyroid autoimmunity (TAI) on ovarian function in female mice**
Ke Li, et al., *Department of Obstetrics and Gynecology, Gunma university, Graduate school of medicine, Maebashi, Japan*
- P1-149 Investigation of the efficacy of granulocyte colony-stimulating factor (G-CSF) for Premature Ovarian Insufficiency (POI)**
Yoshiko Asai, et al., *HORAC Grand Front Osaka Clinic, Osaka, Japan*

- P1-150 Optimal follicle diameter for oocyte retrieval of premature ovarian insufficiency (POI) patients might be different from patients with normal ovarian reserves**
Shinichi Iwasaki, et al., *Rose Ladies Clinic, Tokyo, Japan*
- P1-151 Recombinant humanized type III collagen improves ovarian function and fertility in natural aging rat model**
Quan Wei, et al., *Department of Obstetrics and Gynecology, The Second Affiliated Hospital of Chongqing Medical University, Chongqing, China*

Preimplantation Genetic Testing

- P1-152 Comparison of embryo biopsies for PGT-A between fresh and vitrified-warmed embryo on pregnancy complications and resulting newborns**
Chiaki Ebara, et al., *IVF Osaka Clinic, Higashi-Osaka, Japan*
- P1-153 A Study on Ploidy Analysis of Abnormally Fertilized Embryos Using SNV Genotyping**
Yusuke Goto, et al., *Hiroshima HART Clinic, Hiroshima, Japan*
- P1-154 Two cases of twin pregnancy after single embryo transfer with PGT-A**
Junichiro Mitsui, et al., *Reproduction Center, Institute of Science Tokyo Hospital, Tokyo, Japan*
- P1-155 A Summary of PGTA Cases Performed in Our Clinic**
Mikiko Katagiri, et al., *Sendai ART clinic, Sendai, Japan*
- P1-156 Assisted Pregnancy Case of Preimplantation Genetic Testing for RAG1 Gene Mutation in B Cell-Negative Severe Combined Immunodeficiency**
Dongmei Huang, et al., *Reproductive Medicine Center, Maternity and Child Health Care of Guangxi Zhuang Autonomous Region, Nanning, China*
- P1-157 Comprehensive chromosome and mitochondrial DNA content analysis between inner cell mass and trophectoderm**
Kuo-Chung Lan, *Department of Obstetrics and Gynecology, Kaohsiung Chang Gung Memorial Hospital and Chang Gung University College of Medicine, Kaohsiung city, Taiwan*
- P1-158 Impact of Parental Balanced Translocation Carrier Gender on Preimplantation Genetic Testing Outcomes.**
Zan Shi, et al., *Assisted Reproduction Center, Northwest Women's and Children's Hospital, Xi'an, China*
- P1-159 A Case of Pregnancy Following Preimplantation Genetic Testing with a Congenital Anomaly Unrelated to the Targeted Disease**
Yuki Mizuguchi, et al., *Department of Obstetrics and Gynecology, Keio University Hospital, Tokyo, Japan*
- P1-160 Day 3 embryo quality in predicting the blastocyst euploidy and pregnancy outcomes: a retrospective study of 12 669 embryos**
Peihao Liu, et al., *Center for Reproductive Medicine, Shandong University, Jinan, Shandong, China*

P1-161 Conditions for improved accuracy of noninvasive preimplantation genetic testing for aneuploidy: Focusing on the zona pellucida and early blastocysts

Hiroki Takeuchi, et al., *Department of Obstetrics and Gynecology, Graduate School of Medicine, Mie University., Tsu, Japan*

Reproductive Endocrinology/PCOS

P1-162 *In vivo* LH surge generator activity in female mice

Ziyue Zhou, et al., *Department of Physiology, Development and Neuroscience, University of Cambridge, Cambridge, UK*

P1-163 Hyperandrogenism affects PCOS energy metabolism via POMC neurons

Xiang Ma, et al., *First Affiliated Hospital of Nanjing Medical University, Nanjing, Jiangsu, China*

P1-164 Butyric acid-based nanoparticles (BNP); a potential strategy to prevent development of PCOS

Nanoka Sakaguchi, et al., *Department of Obstetrics and Gynecology, Faculty of Medicine, The University of Tokyo Hospital, Tokyo, Japan*

P1-165 Inositol improves the pathophysiology of polycystic ovary syndrome by alleviating Endoplasmic reticulum stress activated granulosa cells

Chihiro Tsuchida, et al., *Department of Obstetrics and Gynecology, Faculty of Medicine, The University of Tokyo, Tokyo, Japan*

P1-166 Endometrial cancer during progestogen therapy for anovulatory bleeding in 45,X monosomy with spontaneous menarche

Miwa Nakamura, et al., *Department of Obstetrics and Gynecology, Kumamoto University, Kumamoto, Japan*

P1-167 Modulated Monocyte-derived Macrophage Polarization and Cytokine Expression under ox-LDL Influence in Lean and Obese PCOS

Naylah Muna, et al., *Human Reproductive, Infertility, and Family Planning Research Center (HRIFP), Indonesian Medical Education and Research Institute (IMERI), Faculty of Medicine, Universitas Indonesia, Senen, Jakarta Pusat, Indonesia*

P1-168 Protective effect of hesperidin on malathion-induced ovarian toxicity in mice: The role of miRNAs, inflammation, and apoptosis

Mahnaz Zarein, et al., *Anatomy, Department of Anatomical Sciences, Faculty of Medicine, Birjand University of Medical Sciences, Birjand, Islamic Republic of Iran, Mashhad, Iran*

P1-169 The impact of laparoscopic ovarian drilling on anti-Mullerian hormone level and pregnancy outcomes of polycystic ovary syndrome.

Hiroko Itoh, et al., *St. Luke Clinic, Oita, Japan*

P1-170 Polyadenylation of Stored mRNA Increases Glutathione Levels in Boar Sperm

ENOC WAMBUGU, et al., *Integrated Sciences for Life, Hiroshima University, Higashihiroshima, Japan*

- P1-171 Spontaneous ovarian hyperstimulation syndrome with gene mutations in a nonpregnant female patient: a rear case report**
 Kuniaki Ota, et al., *Department of Obstetrics and Gynecology, Kawasaki Medical School, Kurashiki, Japan*
- P1-172 Mesenchymal stem cells improve endometrial receptivity in PCOS mice by regulating cellular communication between macrophages and myofibroblasts in the uterus**
 Mengmeng Ren, et al., *Key Laboratory of Fertility Preservation and Maintenance of Ministry of Education, Ningxia Basic Medical Research Center, School of Basic Medical Science, Ningxia Medical University, Yinchuan, China*

Reproductive Genetics

- P1-173 A case report of two siblings with complete androgen insensitivity syndrome**
 Jana Kathryn Go, et al., *Department of Obstetrics and Gynecology, St. Luke's Medical Center, Global City, Muntinlupa, Metro Manila, Philippines*
- P1-174 Two cases of oocyte maturation disorder due to specific pathogenic gene**
 Naoya Okamura, et al., *Department of Reproductive Medicine, IVF Osaka Clinic, Higashiosaka, Japan*
- P1-175 ICSI success in achieving pregnancy for a couple with male mosaic Klinefelter Syndrome and oligoasthenozoospermia: A Case Study**
 Amangeldi Totykemenov, et al., *IVF department, LLP Ecomed IVF clinic, Almaty, Kazakhstan*
- P1-176 Abnormal PAR1/2 number can influence effector T cell subsets in Turner syndrome**
 Ai Miyakoshi, et al., *Center for Reproductive Medicine, Yokohama City University Medical Center, Yokohama, Japan*
- P1-177 Get to know H2AK119ub1: a heavyweight in oocytes and early embryos**
 Xiaoxuan Li, et al., *Assisted Reproduction Unit, Department of Obstetrics and Gynecology,, Sir Run Run Shaw Hospital, School of Medicine, Zhejiang University,, Hangzhou, Zhejiang, China*
- P1-178 The feasibility of polar body transfer combined with preimplantation genetic testing for blocking the intergenerational transmission of mitochondrial genetic diseases**
 Dongmei Ji, et al., *Department of Obstetrics and Gynecology, First Affiliated Hospital of Anhui Medical University, Hefei, China*

Reproductive Surgery

- P1-179 A case of infertility treatment after removal of a mature cystic teratoma of the fallopian tube**
 Hiroaki Fujita, et al., *Medical Park Shonan, Fujisawa, Japan*

- P1-180 Successful vaginoscopic excision of the vaginal septum in avirgin girl of obstructed hemivagina and ipsilateral renal anomaly**
Mayuko Ichikawa, et al., *Department of Obstetrics and Gynecology, Nara Medical University, Kashihara, Japan*
- P1-181 A Retrospective Study of 9 Cases of Secondary Infertility Due to Cesarean Scar Disorder (CSDi) Treated with Repair Surgery Before Embryo Transplantation**
Taichi Kurose, et al., *Department of Obstetrics and Gynecology, National center for Global Health and Medicine, Tokyo, Japan*
- P1-182 Awareness and technical challenges of young gynecologists in Japan, regarding ovarian reserve after total laparoscopic cystectomy for ovarian mature cystic teratoma**
Hiroaki Hiraga, et al., *Department of Obstetrics and Gynecology, Tohoku University Hospital, Sendai, Japan*

Uterine Diseases and Endometriosis

- P1-183 Copper intra-uterine device: does heavy metal in womb promote endometriosis?**
Danielle Choucroun, *Luxembourg correspondent, UNESCO Chair Sexual Health & Human rights, Luxembourg, Luxembourg*
- P1-184 What factors contribute to increased abnormal uterine bleeding induced by relugolix?**
Kensaku Furu, et al., *Department of Obstetrics and Gynecology, Nagoya University Graduate School of Medicine, Nagoya, Japan*
- P1-185 Endometriosis-related infertility: Adverse effects of ovarian endometriomas on follicular development**
Makoto Orisaka, et al., *Department of Obstetrics and Gynecology, University of Fukui, Fukui, Japan*
- P1-186 Involvement of neo-self antibodies (β2GPI/HLA-DR antibodies) and endometrial flora in patients with repeated implantation failure (RIF) complicated by endometriosis**
Maki Ohgi, et al., *Department of Obstetrics and Gynecology, University of Yamanashi, Yamanashi, Japan*
- P1-187 The role of elevated TGF-β1 in impaired uterine receptivity associated with endometriosis**
Meng-Hsing Wu, et al., *Department of Obstetrics and Gynecology, National Cheng Kung University, Tainan, Taiwan*
- P1-188 Deep Infiltrating Endometriosis: Surgical Challenges, Spontaneous Pregnancy, and Perinatal Risks—A Case Report and Literature Review**
Kazunori Nagasaka, et al., *Department of Obstetrics and Gynecology, Teikyo University, Tokyo, Japan*

- P1-189 Necrotizing soft tissue infection as a life-threatening complication following oocyte retrieval involving puncture of polypoid endometriosis: A case report**
Sachi Imakita, et al., *Department of Gynecology and Obstetrics, Graduate School of Medicine, Kyoto University, Kyoto, Japan*
- P1-190 A Report on Laparoscopic Myomectomy Cases and Reproductive Outcomes After Operation Over the Past Three Years at Our Institution**
Yuri Ogata, et al., *OBGYN, National Center of Global Health and Medicine, Tokyo, Japan*
- P1-191 from invaginating site to deep lesion: spatial transcriptomics unravels ectopic endometrial penetration features in adenomyosis**
Boyu Li, et al., *Department of Reproductive Medicine, Ren Ji Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China*
- P1-192 Single-Cell Transcriptome Sequencing Reveals Differential FOXM1 Expression in Endometrial Epithelial and Stromal Cells in Ovarian Endometriosis**
Ping Jin, et al., *Department of Gynecology, Shenzhen Maternity & Child Healthcare Hospital, Shenzhen, Guangzhou, China*
- P1-193 Tubo-Ovarian Abscess in ART Patients with Endometriosis**
Hironori Miyamura, et al., *Department of Obstetrics and Gynecology, FUJITA HEALTH UNIVERSITY, Toyoake, Aichi, Japan*
- P1-194 Proteomic Profiling of Extracellular Vesicles Derived from the Peritoneal Fluid of Patients with Endometriosis-Associated Ovarian Cancer**
Tzu Ting Chen, et al., *Department of Obstetrics and Gynecology, Kaohsiung Medical University Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan*
- P1-195 Prescription Trends by Region and the Acceptance of New Oral GnRH Antagonists: Analysis Using the National Database of Health Insurance Claims and Specific Health Checkups of Japan Open Database**
Takehiko Takeda, et al., *Department of Obstetrics and Gynecology Graduate School of Medicine, Nagoya University, Nagoya, Japan*
- P1-196 Hysteroscopic findings in infertile patients with adenomyosis**
Toshimichi Oki, et al., *Department of Reproductive Health Nursing, Kagochima University, Kagoshima, Japan*

Others

- P1-197 A successful and novel minimally invasive surgical technique in preserving fertility for a rare ovarian ectopic pregnancy in a patient undergoing in-vitro fertilization**
Jia Yi Lee, et al., *Department of Obstetrics and Gynaecology, Kandang Kerbau Women's and Children's Hospital, Singapore, Singapore*

- P1-198 A case of tubal ectopic pregnancy with a difficult diagnosis on the background of severe ovarian hyperstimulation syndrome and deep vein thrombosis**
Mika Ishikawa, et al., *Department of Obstetrics and Gynecology, Kyorin University Hospital, Tokyo, Japan*
- P1-199 Uterine Didelphys with Renal Agenesis: A Case Series Study on Symptom Onset, Intervention Timing, and Perinatal Outcomes Across Subclassifications**
Tomoko Oishi, et al., *Department of Obstetrics and Gynecology, Oita University Faculty of Medicine, Yufu, Oita, Japan*
- P1-200 A Study on Pregnancy Outcomes After Infertility Treatment in Elderly Patients Over 40 Years of Age**
Saki Gondo, et al., *Center for Reproductive Medicine, IVF Nagata Clinic, Fukuoka, Japan*
- P1-201 Components of complement alternative pathway exert the spermicidal activity inside the mouse uterine cavity.**
Manato Sunamoto, et al., *Department of Life Science, Meiji University, Kawasaki, Japan*
- P1-202 High-Dose Immunoglobulin Therapy for Refractory Recurrent Pregnancy Loss: A Case Series from Our Hospital**
Yumene Kubota, et al., *Department of Obstetrics and Gynecology, Nippon Medical School Hospital, Tokyo, Japan*
- P1-203 Risk and management of postoperative intrauterine adhesions during endometrial polypectomy using a tissue removal system.**
Masumi Honda, et al., *Department of Obstetrics and gynecology, Toyama Prefectural Central Hospital, Toyama, Japan*
- P1-204 *Agaricus brasiliensis* KA21 improves ovarian aging and healthspan in *Drosophila melanogaster***
Kazutaka Akagi, et al., *Section of Pre-disease Science, Institute of Natural Medicine, University of Toyama, Toyama, Japan*
- P1-205 Elucidating the Protective Role of Progesterone in Modulating Inflammation at the Feto-Maternal Interface to Prevent Murine Miscarriage**
Yuki Kaito, et al., *Department of Obstetrics and Gynecology, Nippon Medical School, Tokyo, Japan*
- P1-206 Retrospective Analysis of Reproductive Function and Pregnancy Outcomes Following Uterine Artery Embolization at a Single Institution**
Asami Akaishi, et al., *Department of Obstetrics and Gynecology, Hirosaki University Hospital, Hirosaki, Japan*
- P1-207 The usefulness of screening tests for recurrent pregnancy loss in cases of ART failure**
Fumie Shibuya, et al., *Department of Obstetrics and Gynecology, JCHO Tokuyama Central Hospital, Yamaguchi, Japan*

P1-208 MEDICALLY ASSISTED REPRODUCTION Referrals – a fertility hub experience

Aisling Redmond, et al., *Fertility, Rotunda Hospital, Dublin, Ireland, Dublin, Ireland*

P1-209 qualitative research on women's reproductive and psychosocial health related to pregnancy, pregnancy prevention and induced abortion in the context of COVID-19 in Thailand

Jen Sothornwit, et al., *Department of Obstetrics and Gynecology, Faculty of Medicine, Khon Kaen University, Khon Kaen, Thailand*

Andrology

- P2-001 Estradiol and progesterone regulate sperm hyperactivation and the in vitro fertilization success in mice.**
Masakatsu Fujinoki, et al., *Research Center for Laboratory Animals, Dokkyo Medical University, Mibu, Tochigi, Japan*
- P2-002 The coumestrol contained in bean sprouts suppresses the hypogonadism and increase testosterone in a mouse**
Keisuke Ishikawa, et al., *Department of Urology, Juntendo University Urayasu Hospital, Urayasu, Chiba, Japan*
- P2-003 Artificial intelligence to establish the embryo ploidy from the sequence of scalar IVF data.**
Katerina Komrskova, et al., *Reproductive Biology, Institute of Biotechnology, Czech Academy of Sciences, Vestec, Czech Republic*
- P2-004 Effects of Tobacco Heating System on male reproductive function in mice and exploration of contributing factors**
Seiichi Yoshida, *Department of Health and Sciences, Oita University of Nursing and Health Sciences, Oita, Japan*
- P2-005 Genetic Aspects of Male Infertility – Azoospermia and oligospermia**
Chying-Chyuan Chan, et al., *Obstetrics and Gynecology, Taipei City Hospital Renai Branch, Taipei, Taiwan*
- P2-006 Our experience in introducing the immunospheres test (antisperm antibody test) and the hemizona assay for assessment of sperm function at our clinic**
Ayumi Iki, et al., *TSUBAKI Women's Clinic, Matsuyama, Japan*

Male Infertility

- P2-007 Two cases of azoospermia with rare Y chromosome abnormality; One case of 46,X,?del(Y)(q11.2) and one case of mosaic karyotype with 46,X,+mar1/46,X,+mar2=25:5.**
Shungo Koshizuka, et al., *Department of Urology, Toho University Omori Medical Center, Tokyo, Japan*
- P2-008 Differences in clinical outcomes in men with mosaic Klinefelter syndrome as compared with non-mosaic Klinefelter syndrome.**
Kazuki Yamagami, et al., *Hanabusa women's clinic, Kobe, Japan*
- P2-009 Tryptophan enhances sperm hyperactivation via autocrine of 5-hydroxytryptamine in hamsters**
Issei Suzuki, et al., *Department of Urology, Dokkyo Medical University, Mibu, Tochigi, Japan*

- P2-010 MTMR6 is essential for the maintenance of male fertility**
Tuyen Nguyen, et al., *Department of Genome Editing, Kansai Medical University, Hirakata, Osaka, Japan*
- P2-011 Investigating the Relationship Between Semen oxidative reduction potential and IVF Outcomes in Normozoospermic men**
Rie Fukuhara, et al., *Department of Obstetrics and Gynecology,, Hirosaki University Graduate School of Medicine, Hirosaki, Aomori, Japan*
- P2-012 Sexual function in male partners of the couples seeking conception**
Akira Komiya, et al., *Urology, Kameda Medical Center, Kamogawa, Chiba, Japan*
- P2-013 Correlation Between Evaluation of Sperm Equatorial Structure Under Optical Microscopy and In Vitro Fertilization Outcomes**
Shuhei So, et al., *Department of Reproductive and Perinatal Medicine, Hamamatsu University School of Medicine, Shizuoka, Japan*
- P2-014 Y chromosome structural rearrangement may increase risk for azoospermia: a report from 21,638 males in Viet Nam**
Thi Phuong Hoa Bui, et al., *Department of Medical Examination, Andrology and Fertility Hospital of Hanoi, Ha Noi, Viet Nam*
- P2-015 A Case of Non-Obstructive Azoospermia due to 17 α -Hydroxylase Deficiency Treated with micro-TESE**
Satoshi Tokitaka, et al., *Department of Urology, Graduate School of Medicine, Yamaguchi University, Ube, Japan*
- P2-016 Outcome of Surgical Sperm Retrieval of Patients with Sexual Dysfunction Associated with Spinal Cord Injury**
Shoichiro Iwatsuki, et al., *Department of Nephro-urology, Nagoya City University Graduate School of Medical Sciences, Nagoya, Japan*
- P2-017 Evaluation of sperm fertilizing ability by the hemizona assay using a laser system**
Yuekun Chen, et al., *Kobe Reproduction-test Laboratory (KoReL), Kobe, Japan*
- P2-018 A case of sperm retrieval by testicular sperm extraction for aspermia caused by Zinner syndrome**
Tomoki Saito, et al., *Department of Urology, Reproductive Centre, Yokohama City University Medical Centre, Yokohama, Japan*
- P2-019 The Role of Hyperbaric Oxygen Therapy on Human Male Fertility Outcomes: A Scoping Review**
Samuel Lionardi, et al., *Andrology Study Program, Department of Biomedical Sciences, Faculty of Medicine, Universitas Airlangga, Jakarta, Indonesia*
- P2-020 Oral administration of a combined mixture of L-carnitine, N-Acetylcysteine and L-arginine to improve semen parameters of men with oligozoospermia**
Yuji Takahashi, et al., *Advanced Reproductive Medical Center, Akasaki Clinic, Sakurai, Nara, Japan*

- P2-021 A case of non-obstructive azoospermia simultaneously performed micro-TESE and enucleation of epidermoid cyst**
Yoshimasa Ban, et al., *Department of Urology, Graduate School of Medicine, Yamaguchi University, Ube, Japan*
- P2-022 Comparative Study of Gonadotropin Hormones and Sperm Parameters In two age groups in sub fertile males**
Ghulam Murtaza, et al., *Biotechnology & Genetic Engineering, University of Sindh Jamshoro, Hyderabad, Pakistan*
- P2-023 Analysis of 18 cases of microdissection testicular sperm extraction at our institution**
Yuta Maeno, et al., *Department of Urology, Gunma University Hospital, Maebashi, Japan*
- P2-024 Early Fertility Assessment of Male Patients with Spinal Cord Injury through Collaboration between a Male Fertility Clinic and a Spinal Injuries Center**
Takehiko Sho, et al., *Department of Urology, MR Sho Clinic, Fukuoka, Japan*
- P2-025 MTHFR C677T variant, promoter methylation, homocysteine levels and asthenozoospermia, a case-control study from Jordan**
Osamah Batiha, et al., *Biotechnology and Genetic engineering, Jordan University of science and technology, Irbid, Jordan*
- P2-026 Current Status of Testosterone Replacement Therapy in Klinefelter's Syndrome Patients at Our Hospital**
Keisuke Okada, et al., *Department of Urology, Kobe University Graduate School of Medicine, Kobe, Japan*
- P2-027 Barriers to fertility care for Bangladeshi men: implications for gender equity in reproductive health care**
Papreen Nahar, et al., *Global Health and Infection, Brighton and Sussex Medical School, University of Sussex., Brighton, East Sussex,*
- P2-028 Voice-based depression assessment system of male patients under intrauterine insemination (IUI) therapy.**
Sumiko Sueyoshi, et al., *Center for Reproductive Medicine, Yokohama City University Medical Center, Yokohama, Japan*

ART

- P2-029 Effects of regular breakfast consumption on assisted reproductive technology outcomes**
Masanori Ono, et al., *Department of Obstetrics and Gynecology, Tokyo Medical University, Tokyo, Japan*

- P2-030 In Vitro Fertilization and Intracytoplasmic Sperm Injection in a Human Immunodeficiency Virus Serodiscordant Couple Presenting with Combined Male and Female Infertility**
 Julia Victoria Poblete, et al., *Department of Obstetrics and Gynecology, St. Luke's Medical Center Global City, Metro Manila, Philippines, Bonifacio Global City, Philippines*
- P2-031 The effectiveness of modified proliferative phase frozen embryo transfer, especially for recurrent implantation failure**
 Yuta Fujii, et al., *SInAi Lady's Hospital, Kakogawa, Japan*
- P2-032 The Impact of Seminal Plasma Priming on Pregnancy and Live Birth Outcomes during Artificial Insemination**
 Yuichi Shiratori, et al., *Department of Reproductive Medicine, Sophia Yuko Ladies Clinic, Kawaguchi, Japan*
- P2-033 Single Ovarian Injections of Autologous Platelet-Rich Plasma (PRP) in Poor Ovarian Response Patients Could Improve the Ovarian Reserve and IVF/ICSI Outcomes : A Before-and-After Study**
 Qian Li, et al., *Department of Reproductive Medicine, The Sixth Affiliated Hospital, Sun Yat-sen University, Guangzhou, Guangdong, China*
- P2-034 The impact of the amount of blood on the embryo transfer catheter and transfer difficulty on reproductive outcomes**
 Miwa Sato, et al., *Department of Obstetrics and Gynecology, Shin-Yurigaoka General Hospital, Kawasaki, Japan*
- P2-035 Clinical characteristics of women with low Oocyte Retrieval Rate (ORR) in controlled ovarian stimulation resulted in relatively low retrieved oocyte number classified as POSEIDON group Ib/IIb.**
 Misako Hideshima, et al., *Woman's Medical Center, Takagi Hospital, Fukuoka, Japan*
- P2-036 Individual differences in follicular fluid AMH concentration and the relationship between follicular fluid AMH or cumulus granulosa cells AMH mRNA expression and clinical outcome in controlled ovarian stimulation**
 Asuka Takeda, et al., *Department of Obstetrics and Gynecology, Tokushima University Hospital, Tokushima, Japan*
- P2-037 Clinical outcomes of embryo transfer at the first menstrual cycle after oocyte retrieval using the Progesterin-Primed Ovarian Stimulation protocol with different progesterin preparations**
 Masatomo Kobayashi, et al., *laboratory, Sonoda Momoyo ART clinic, Toyonaka, Japan*
- P2-038 Achieving a High Pregnancy Rate by Combining Gardner Classification and iDAScore During Blastocyst Transfer**
 Reiji Ibuki, et al., *Sekiel Ladies Clinic, Maebashi, Japan*
- P2-039 Piezo-ICSI Results in Higher Fertilization Rates Compared to Conventional-IVF in All Age Groups.**
 Naomi Sugiyama, et al., *ACT Tower Clinic, Hamamatsu, Japan*

- P2-040 Evaluation of the efficacy of follitropin delta in infertile women over 40 years of age**
Ryoji Isaka, et al., *SORA no MORI CLINIC, Okinawa, Japan*
- P2-041 Management of Advanced Age Patients: A Case Study of Peripartum Cardiomyopathy in a 50-Year-Old Mother**
Yutaro Yokono, et al., *Sekiel Ladies Clinic, Takasaki, Japan*
- P2-042 The Effect of Calcium Ionophore on Fertilization Rate After Intracytoplasmic Sperm Injection in Sibling Oocytes of Infertile Couples with Advanced Female Reproductive Age: A Randomized Controlled Trial**
Pattraporn Chera-Aree, et al., *Department of Obstetrics and Gynecology, Infertility and Reproductive Biology Unit, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand*
- P2-043 Insights into Lactobacillus Dominance**
Natsuki Uchiyama, et al., *Department of Obstetrics and Gynecology, Shinshu University School of Medicine, Matsumoto, Japan*
- P2-044 successful dual-approach oocyte retrieval: transvaginal and transabdominal techniques in a patient with unicornuate uterus with a non-communicating functioning rudimentary horn and surgical history.**
Mari Kawamata, et al., *Department of Obstetrics and Gynecology, Kyoto Prefectural University of Medicine, Graduate School of Medical Science, Kyoto, Japan*
- P2-045 Impact of Low Sperm DNA Fragmentation on IVF Outcomes: Evaluating the Efficacy of the Microfluidic Sperm Selection Method**
Yotsutani Miyu, et al., *Department of Obstetrics and Gynecology, Graduate School of Medicine, Mie University, Tsu, Japan*
- P2-046 Comparison of age-specific contributions to improved implantation rates between partial and total laser-assisted hatching**
Yoshihisa Kitaoka, et al., *ACT Tower Clinic, Hamamatsu, Japan*
- P2-047 Two cases of ectopic pregnancy with persistent elevated serum human chorionic gonadotropin (hCG) level following hormone therapy frozen-thawed embryo transfer (HT-FET)**
Tomoko Arakawa, et al., *Department of Obstetrics and Gynecology, National Center for Global Health and Medicine, Tokyo, Japan*
- P2-048 A Study on the Performance and Perinatal Prognosis of Fresh Embryo Transfer After Controlled Ovarian Stimulation**
Akiko Kawasaki, et al., *Department of Obstetrics and Gynecology, University of Tsukuba, Tsukuba, Japan*
- P2-049 Predictive Value and Optimal Threshold of Follicle Size for Oocyte Developmental Competence in IVF: A Systematic Review and multiple-threshold Meta-analysis**
Kai Zhu, et al., *Center of Reproductive Medicine, First Affiliated Hospital, Naval Medical University, Shanghai, China*

- P2-050 Sperm DNA fragmentation index a good indicator for treatment selection in the era of assisted reproductive technology.**
Hiroshi Okada, et al., *International Center for Reproductive Medicine, Dokkyo Medical University, Saitama Medical Center, Koshigaya, Japan*
- P2-051 Successful pregnancies after continuous medical therapy, cyst aspiration, and ART for endometrioma-associated infertility: a report of 9 cases.**
Yutaro Kaneda, et al., *Phoenix art clinic, Tokyo, Japan*
- P2-052 The efficacy of calcium ionophores in intracytoplasmic sperm injection with testicular sperm**
Ayumu Ito, et al., *Department of Obstetrics and Gynecology, Toho University Omori Medical Center, Tokyo, Japan*
- P2-053 Predicting DNA fragmentation: A non-destructive analogue to chemical assays using machine learning**
Frando Lin, et al., *VitruvianMD Pte Ltd, Johannesburg, Gauteng, South Africa*
- P2-054 Optimizing Embryo Transfer Timing Based on Serum Progesterone Levels from a Live Birth Cohort Significantly Reduces Visits and Cancellation Rates in True Natural Frozen-Thawed Embryo Transfers**
William Hao-Yu Lee, et al., *National Taiwan University Hospital, Taipei City, Taiwan*
- P2-055 Study on the effect of a novel material- nano-mirabilite external bag in OHSS patients after oocytes retrieval**
Qiuping LI, et al., *Department of Reproductive Medicine, Affiliated Women's Hospital of Jiangnan University, WUXI, Jiangsu, China*
- P2-056 The Combined Effect of PCOS and BMI on ART Outcomes: A Retrospective Study**
Chang Shuo, *Reproductive Medicine Center, Henan Provincial People's Hospital, Zhengzhou, China*
- P2-057 A vaginal microbiome-based predictive algorithm for IVF-success developed and validated in European patients is similarly applicable in Japanese patients**
Masashi Takamura, et al., *Department of Obstetrics and Gynecology, Saitama Medical University, Saitama, Japan*
- P2-058 Effective follicular development achieved with GnRH agonist long protocol in weight loss-related amenorrhea with severely suppressed LH/FSH**
Mutsumi Kobayashi, et al., *Obstetrics and Gynecology, Juntendo University, Tokyo, Japan*
- P2-059 The effects of body mass index and percent body fat when the FSH dosage is fixed at 225 units/day in the GnRH antagonist protocol for assisted reproduction; A retrospective cohort study**
Tatsuyuki Ogawa, et al., *Department of Reproductive Medicine, Kameda IVF Clinic Makuhari, Chiba, Japan*

- P2-060 Association between methods of assisted reproductive technology and cord insertion; a retrospective study in single institution**
Kohei Kitada, et al., *Department of Obstetrics and Gynecology, Osaka Metropolitan University, Osaka, Japan*
- P2-061 Ovarian stimulation with dienogest in infertility patients with endometriosis: a report of three cases.**
Yumi Nakao, et al., *Department of Obstetrics and Gynecology, The University of Osaka, Toyonaka, Japan*
- P2-062 Assessing the efficacy of low-dose letrozole or GnRH agonist in enhancing implantation and reproductive outcomes among patients with symptomatic adenomyosis undergoing in vitro fertilization: a randomized controlled trial**
Sunita Sharma, et al., *Department of ART, Institute of Reproductive Medicine, Kolkata, West Bengal, India*
- P2-063 Erzhi Tiangui Formula improve In Vitro Fertilization outcomes in patients with diminished ovarian reserve: A Randomised, Double-Blinded, Placebo-Controlled Trial**
Haicui Wu, et al., *Department of Reproduction and Genetics, Affiliated Hospital of Shandong University of Traditional Chinese Medicine, Jinan, China, China*
- P2-064 The effectiveness of transabdominal oocyte retrieval in our center.**
Kouki Samejima, et al., *Department of Obstetrics and Gynecology, Saitama Medical Center, Saitama Medical University, Kawagoe, Japan*
- P2-065 Assessing the impact of Deoxyribonucleic acid fragmentation Index (DFI) on ART outcomes: A retrospective analysis**
Abayomi Ajayi, et al., *Nordica Fertility Centre, Ikoyi, Lagos, Nigeria*
- P2-066 Comparison of efficacy between fertilization methods using oocytes obtained from the same patient in IVF(in vitro fertilization).**
Hye Jin Yang, et al., *Laboratory of Reproductive Medicine, Creation and Love Women's Hospital, Seo-gu, Gwangju, Korea*
- P2-067 Analysis of Controlled Ovarian Stimulation with Follitropin Delta and Aromatase Inhibitor Co-administration for Enhanced Stability**
Yuya Makino, et al., *Department of Obstetrics and Gynecology, Saint Mother Clinic, Kitakyushu, Japan*
- P2-068 A patient with idiopathic thrombocytopenic purpura who underwent splenectomy for oocyte retrieval**
Kenzo Kosaka, et al., *Shizuoka General Hospital, Shizuoka, Japan*

Early Pregnancy Loss/Recurrent Pregnancy Loss

- P2-069 In PCOS patients undergoing IVF/ICSI, higher pre-conception SUA levels correlate with increased miscarriage risk and decreased live birth rates, and in obese PCOS patients ($\text{BMI} \geq 28 \text{ kg/m}^2$), SUA levels show a U-shaped relationship with miscarriage. Stratification of SUA levels by BMI is recommended before assisted conception in PCOS patients.**
Jiayan Shen, et al., *Department of Reproductive Medicine, Huzhou Maternity & Child Health Care Hospital, Huzhou, Zhejiang, China*
- P2-070 Characteristics of nutrients ingested by patients with recurrent pregnancy loss**
Ryoko Yokote, et al., *Department of Obstetrics and Gynecology, Nippon Medical School, Tokyo, Japan*
- P2-071 Intravenous Immunoglobulin treatment in a patient with recurrent pregnancy loss of euploid embryos: A case report**
Martha Luna, et al., *REI, Reproductive Medicine Associates International-Mexico, Mexico, Mexico*
- P2-072 Prevention Mechanism :Focusing on the Anti-inflammatory Action of Heparin in mice**
Tomoko Ichikawa, et al., *Department of Obstetrics and Gynecology, Nippon Medical School, Tokyo, Japan*
- P2-073 HLA-G regulates the differentiation of decidual PMN-MDSCs and promotes placental vascular remodeling**
Aimin Zhao, et al., *Department of Obstetrics and Gynecology, Renji Hospital, School of Medicine, Shanghai Jiao Tong University, Shanghai, China*
- P2-074 A case with pregnancy prolongation and live birth following preconception treatment of chronic endometritis in a patient with recurrent pregnancy loss**
Misako Kuraishi, et al., *Department of Obstetrics and Gynecology,, Shinshu University School of Medicine, Matsumoto, Japan*

Embryologist/Laboratory

- P2-075 comparison of fertilization and embryonic development outcomes following assisted sperm fusion insemination conducted by two embryologists**
Shota Hatakeyama, et al., *Yanaihara Women's Clinic, Kamakura, Japan*
- P2-076 Influence of the number of washings for embryos on noninvasive preimplantation chromosome screening results**
Xiaomei Kang, et al., *Reproductive Medicine, Maternal and Child Health Hospital of Hubei Province, Wuhan, Hubei, China*
- P2-077 Does blastocyst biopsy impair embryo viability?**
Ryoko Kato, et al., *Nippon Medical School, Tokyo, Japan*

- P2-078 In IVM culture of immature oocytes, the maturation of oocytes may be advanced by using a culture medium supplemented with a high concentration of glucose**
Akari Mukawa, et al., *Reproductive Embryologist, Phoenix ART Clinic, Tokyo, Japan*
- P2-079 Cryopreservation of very low-grade blastocyst, is it worth it?**
Hao-Ting Lien, et al., *Department of Obstetrics and Gynecology, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, Taiwan*

Embryology

- P2-080 Effect of artificial removal of the zona pellucida at the pronuclear stage on cases with repeated poor embryonic development: a sibling oocyte study.**
Yoshihisa Harada, et al., *Kinutani Women's Clinic, Naka-ku, Japan*
- P2-081 A study on a one-step thawing protocol for frozen blastocysts**
Yuko Ozawa, et al., *ACT Tower Clinic, Hamamatsu-shi, Shizuoka, Japan*
- P2-082 Resveratrol reduced male-aging associated alteration in mitochondria and telomere length in embryos**
Noko Teramoto, et al., *Department of Animal Science, Tokyo University of Agriculture, Atsugi, Kanagawa, Japan*
- P2-083 Granulosa cells number surrounding the oocytes determines epigenetic and energy status of oocytes.**
Kota Ushiroshoji, et al., *Department of Animal Science, Tokyo University of Agriculture, Atsugi, Kanagawa, Japan*
- P2-084 Melatonin improves the development of mouse blastocysts after vitrification of two-cell stage**
Dan Zhou, et al., *Centre for Assisted Reproduction, Shanghai Key Laboratory of Maternal Fetal Medicine, Shanghai Institute of Maternal-Fetal Medicine and Gynecologic Oncology, Shanghai First Maternity and Infant Hospital, School of Medicine, Tongji University, Shanghai 200092, China, Shanghai, China, China*
- P2-085 Characteristics of morphological changes in developmentally retarded bovine embryos**
Shu Hashimoto, et al., *School of Medicine, Osaka Metropolitan University, Osaka, Japan*
- P2-086 Comparative analysis of fertilization and blastocyst formation in IVF programs with fresh and cryopreserved donor oocytes**
Daniker Abutalipov, et al., *IVF laboratory, Ecomed Plus, Astana, the Republic of Kazakhstan, Astana, Kazakhstan*
- P2-087 Selection criteria for Day6 blastocysts for embryo transfer: effect of developmental stage on Day 4**
Shigetoshi Mizumoto, et al., *Kuramoto Women's Clinic, Fukuoka, Japan*

- P2-088 Clinical results of the use of the new cryopreservation technology "Cryotec Ready to Use"**
 Damira Mussiraliyeva, et al., *IVF Department, LLP Ecomed IVF Clinic, Almaty, Kazakhstan*
- P2-089 Embryo transfer and neonatal outcomes of frozen–thawed blastocyst transfer derived from oocytes with dark zona pellucida**
 Miki Okabe, et al., *Takahashi Women's Clinic, Tokyo, Japan*
- P2-090 Comparison of the effectiveness of hyaluronic acid-containing culture media in frozen-thawed embryo transfer cycles**
 Masahiro Yoshida, et al., *Kusuhara women's Clinic, Tokyo, Japan*

Endometrium/Implantation

- P2-091 Clinical factors associated with low circulating progesterone levels in hormonal replacement therapy (HRT) and in ovulatory cycle (OC) frozen embryo transfer (FET)**
 Marcos Horton, et al., *Pregna Medicina Reproductiva, Buenos Aires, Argentina*
- P2-092 CircRNA SNX11 promotes endometrial cell proliferation through GPER1 by sponging hsa-miR-1343-3p in human endometrial stromal cells**
 Yanan Shi, et al., *Laboratory of Reproductive Endocrinology, the Research Center of Reproductive Medicine, the Sixth Affiliated Hospital of Sun Yat-sen University, Guangzhou, Tianhe District, China*
- P2-093 Non-pronuclear zygotes do not affect clinical outcomes after transfer of frozen and thawed single blastocysts**
 Wakana Beck, et al., *Shinyurigaoka general Hospital, Kawasaki, Japan*
- P2-094 Evaluation of the effectiveness of treatment Interventions based on uterine microbiota**
 Kana Hiasa, et al., *Department of Reproductive Medicine, Hiasa Ladies Clinic, Fukuoka, Japan*
- P2-095 TAZ regulates functional decidual zone formation to safeguard early pregnancy maintenance in mice.**
 Xueting He, et al., *Department of Obstetrics and Gynecology, Graduate School of Medicine, the University of Tokyo, Tokyo, Japan*
- P2-096 Effects of antibiotic treatment on chronic endometritis in infertile women with repeated implantation failure**
 Kunimi Ishikawa, et al., *Kaseki ART Clinic, Naka-ku, Nagoya-shi, Aichi-ken, Japan*
- P2-097 Exploration of ferroptosis-related biomarkers with prognostic capability in RIF based on WGCNA**
 Tingting Zhou, et al., *Department of Reproductive Endocrinology, Zhejiang Provincial People's Hospital, Hangzhou, Zhejiang, China*

- P2-098 The Impact of Innate Lymphoid Cell and Related Cytokine Alterations on Recurrent Implantation Failure**
Haixing Yi, et al., *Department of Obstetrics and Gynecology, the First Affiliated Hospital of Anhui Medical University, Hefei, China*
- P2-099 Clinical outcomes following recurrent endometrial cancer in women after in vitro fertilization and embryo transfer**
Ningning Pan, et al., *Center for Reproductive Medicine, Department of Obstetrics and Gynecology, Peking University Third Hospital, Beijing, China*
- P2-100 Prevalence of NK Cell Abnormalities in Patients with Recurrent Pregnancy Loss and Recurrent Implantation Failure and an Attempt to Promote the Use of uNK Cell Subset**
Atsushi Fukui, et al., *Department of Obstetrics and Gynecology, Hyogo Medical University, Nishinomiya, Hyogo, Japan*
- P2-101 High-concentration hyaluronic acid embryo transfer medium is effective for patients over the age of 40.**
Shogo Nakayama, et al., *Koga Fumitoshi Women's Clinic, Fukuoka-shi, Fukuoka, Japan*
- P2-102 dysregulation of primary ciliary PGE2 signaling in endometriosis-associated infertility**
Shaw-Jenq Tsai, et al., *Department of Biomedical Sciences, College of Sciences, National Chung Cheng University, Chiayi, Taiwan*
- P2-103 Comparison of Morcellation System and Antibiotic Therapy for Chronic Endometritis: A Minimally Invasive Approach to Improve Pregnancy Outcomes**
Shigeki Sawamura, et al., *Department of Reproductive Medicine, Ko-notori Women's Care Clinic, Yokkaichi, Japan*
- P2-104 Endometrial Microbiota Profile Associated with Live Births in SingleFrozen-Thawed Blastocyst Transfer**
Mitsuru Kobayashi, et al., *Department of Reproductive Medicine, Sakura-harune clinic ginza, Tokyo, Japan*
- P2-105 VOCAL Ultrasound Parameters Enhance Prediction of IVF Outcomes: A Multi-stage Analysis of Implantation, Gestational Sac Formation, and Ongoing Pregnancy**
Shinnosuke Komiya, et al., *HORAC Grand Front Osaka Clinic, Osaka, Japan*
- P2-106 Evaluating ART and Obstetric Outcomes in Chronic Endometritis patients via administration of Oral Synbiotics with Antibiotics treatment undergoing Frozen Embryo Transfer : A Prospective Two Arm Study**
Mekhala Dwarakanath Bellur, et al., *Reproductive medicine, Icchaa fertility solutions & diagnostics, Bangalore, Karnataka, India*
- P2-107 Rescue subcutaneous progesterone supplementation in women with low serum progesterone levels on the day of frozen embryo transfer in HRT cycles - a prospective study**
Suhani Chandra, et al., *Obstetrics and Gynaecology, Rajendra Nagar Hospital, Lucknow, Uttar Pradesh, India*

Female Infertility

- P2-108 Effect of Repeated Clomiphene Citrate Administration on Ovarian Function in Obese Condition**
Guruprasad Kalthur, et al., *Reproductive Science, Kasturba Medical College, Manipal, Manipal, India*
- P2-109 Patients who failed the previous IVF cycle with decreased ovarian reserve need not hesitate to start the immediate consecutive cycle.**
Kyung Eui Park, et al., *Infertility, Dion fertility center, Hwaseong, Gyeonggi-do, Korea*
- P2-110 Association between serum elementomics of 48 elements and female fecundity: evidence from a nested case-control study in China**
Xiaoyu Long, et al., *Center for Reproductive Medicine, Department of Obstetrics and Gynecology, Peking University Third Hospital, Beijing, China*
- P2-111 Impact of TCR on clinical outcomes**
Kaori Nishizawa, et al., *Sendai ART clinic, Sendai, Japan*
- P2-112 Ovulation prediction using hypothetical follicle size on the day of intrauterineinsemination calculated using lead follicle size**
Takahiro Tsuchiya, et al., *Department of Reproductive Medicine, Toho University Medical Center Omorin Hospital, Tokyo, Japan*
- P2-113 Serum 25-hydroxy vitamin D levels associated with menstrual cycles and anti-mullerian hormone levels in Japanese normal women.**
Mariko Miyashita, et al., *The University of Tokyo, Tokyo, Japan*
- P2-114 A Case of Seizures Following Embryo Transfer in a Patient with Alcohol Dependence Potentially Related to Prolonged Infertility Treatment**
Yasuno Takahashi, et al., *Department of Gynecology, Tohoku university hospital, Sendai, Japan*
- P2-115 Association between Biphasic Cycles, Cycle Length, and Body Mass Index: A Prospective Analysis Using Data from a Smartphone Application**
Shiori Itoi, et al., *Department of Obstetrics and Gynecology, The University of Tokyo, Tokyo, Japan*
- P2-116 Evaluation of the effect of saline-infusion sonography (SIS) in index cycle on Intrauterine insemination (IUI) outcome.**
Sumavarsha Thota, et al., *Senior Consultant, Department of Reproductive Medicine, Ferty9 Fertility Center, Vijayawada & Andhra Pradesh, India*
- P2-117 The Relationship between Abnormal Uterine Bleeding and Infertility: A Nationwide Survey of Abnormal Uterine Bleeding in Japan**
Yoshikazu Kitahara, et al., *Department of Obstetrics and Gynecology, Gunma University Hospital, Maebashi, Japan*
- P2-118 Flexible GnRH antagonist versus GnRH long agonist stimulation in poor responders: A randomized clinical trial**
Amarzaya Lkhagvasuren, et al., *Department of Obstetrics and Gynecology, Mongolian National University of Medical Sciences, Ulaanbaatar, Mongolia*

- P2-119 Infertility problem in young women and age-related distribution of basal Anti Mullerian Hormone and Follicle stimulating hormone levels in a population of North India**
Indu Lata, et al., *Department of Maternal and Reproductive Health, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow , UP, India*
- P2-120 Improvement of oocyte quality by oral administration of an antioxidant mixture and its possible molecular regulation**
Junwen Qin, et al., *Research and Development Unit, TK Health Research, CO., LTD., Osaka, Japan*
- P2-121 rhCol III improved chronic endometritis by preserving mitochondrial quality control through cGAS-STING pathway**
Shuang You, *Department of Obstetrics and Gynecology, The Second Affiliated Hospital of Chongqing Medical University, Chongqing, Chongqing, China, China*
- P2-122 Bile acids in follicular fluid: potential new therapeutic targets and predictive markers for women with Diminished Ovarian Reserve**
Shu Ding, et al., *Peking University Third Hospital, Beijing, China*
- P2-123 The live birth rate does not depend on AMH levels in women under 38 years old**
Sholpan Karibayeva, et al., *reproductology, International clinical center of reproductology PERSONA, Almaty, Kazakhstan*
- P2-124 A Qualitative Study of the Experiences and Actions Taken by Women Who have difficulties in Conceiving 12 Months or More after Preconception Health Check-ups in Sichuan Province, China**
Yi Yang, et al., *Sichuan Family Planning Research Institute, Chengdu University of Chinese Traditional Medicine, Chengdu, Sichuan, China*
- P2-125 Klotho promotes autophagy and alleviates cyclophosphamide-induced ovarian granulosa cell injury by activating AMPK/ULK1 signaling pathway**
Fang Wang, *Department of Reproductive Medical Center, First Affiliated Hospital of Zhengzhou University, Zhengzhou, China*

Fertility Preservation

- P2-126 Use of assisted reproductive technology in patients who underwent sperm cryopreservation before cancer treatment**
Rie Nakamura, et al., *Department of Obstetrics and Gynecology, University of the Ryukyus, Okinawa, Japan*
- P2-127 Transcriptome and Translatome Dual-omics Reveals Temporal Translational Recovery Landscapes and Cryodamage Repair Mechanisms in Vitrified Mouse Oocytes**
Shaohong Zhuang, et al., *Reproductive Medicine Center, The Sixth Affiliated Hospital of Sun Yat-sen University, Guangzhou, China*

- P2-128 Vaginal Natural Orifice Transluminal Endoscopic Surgery (vNOTES) for Ovarian Tissue Cryopreservation: A Novel Approach in Young Cancer Patients**
Akimasa Takahashi, et al., *Department of Obstetrics and Gynecology, Shiga University of Medical Science, Otsu, Shiga, Japan*
- P2-129 Dual mTORC1/2 Inhibitors as a Strategy for Fertility Preservation in Busulfan-Induced Ovarian Insufficiency: An In Vivo Study**
Mari Deguchi, et al., *Department of Obstetrics and Gynecology, Shiga University of Medical Science, Otsu, Shiga, Japan*
- P2-130 the Stanford Egg Freezing Study post-cycle survey: a comparative analysis of patient satisfaction and socio-demographic factors in the novel low-cost Cardinal vs. routine high-cost protocols for oocyte cryopreservation**
Esther H Chung, et al., *Reproductive Endocrinology & Infertility, Stanford University, Sunnyvale, California, USA*
- P2-131 A live birth case of a 50-year-old breast cancer patient could be found by using our clinical database for cancer fertility preservation**
Sagiri Taguchi, et al., *IVF Center, Oak Clinic, Japan, Osaka, Japan*
- P2-132 Evaluation of the effectiveness of activated platelet-rich plasma therapy on ovarian function**
Mayu Yamada, et al., *Department of Reproductive Medicine, Hanaoka IVF clinic shinagawa, Tokyo, Japan*
- P2-133 Pregnancy outcomes using cryopreserved sperm for fertility preservation in cancer patients**
Yuko Yokota, et al., *St luke's international hospital, Tokyo, Japan*
- P2-134 Retrospective Study of Breast Cancer Patients Attending the Oncofertility Clinic at Our Facility**
Ryunosuke Takahashi, et al., *Department of Obstetrics and Gynecology, Gifu University Hospital, Gifu, Japan*
- P2-135 Impact of endometrial thickness on fertility outcomes following assisted reproductive technology after high-dose medroxyprogesterone acetate therapy for endometrial neoplasia.**
Akitoshi Yamamura, et al., *Department of Gynecology and Obstetrics, Kyoto University Hospital, Kyoto, Japan*
- P2-136 Ovarian Function in Fertility Preservation Treatment of BRCA-Positive Patients**
Michiko Sugiyama, et al., *Obstetrics and Gynecology, St luke's international hospital, Tokyo, Japan*
- P2-137 Fertility Preservation and Pregnancy Outcomes in Male Adolescent and Young Adult Cancer Patients at Our Institute**
Kohei Nakagawa, et al., *Department of Obstetrics and Gynecology, Hyogo Medical University, Nishinomiya, Japan*
- P2-138 Feasibility of Modifying (Neo)adjuvant Therapy for Fertility Preservation in Adolescent and Young Adult Breast Cancer Patients**
Ryo Kasei, et al., *Shiga University of Medical Science, Otsu, Shiga, Japan*

- P2-139 Impact of subsidized fertility preservation on patients undergoing gonadotoxic treatments: a retrospective review from our institution**
Koyo Yamamoto, et al., *Department of Obstetrics and Gynecology, The University of Osaka, Suita, Osaka, Japan*
- P2-140 Demonstrating the feasibility of ovarian tissue cryopreservation in pediatric patients with oncologic and non-oncologic disease**
SEIDO TAKAE, et al., *Department of Obstetrics and Gynecology, St. Marianna University School of Medicine, Kawasaki, Japan*
- P2-141 Current status and outcome of decision support and fertility preservation at outpatient consultation service in Nagoya University Hospital**
Shohei Iyoshi, et al., *Department of Obstetrics and Gynecology, Nagoya University Hospital, Nagoya, Japan*
- P2-142 Establishment of minimal residual disease (MRD) evaluation method using ovarian MRD mouse model of leukemia**
Atsushi Uekawa, et al., *Department of Obstetrics and Gynecology, St. Marianna University School of Medicine, Kawasaki, Japan*
- P2-143 Social egg freezing before subsidy implementation in Japan and subsequent pregnancy outcomes: A Single-Centre Retrospective Analysis**
Masataka Kagimoto, et al., *Center for Human Reproduction and Gynecologic Endoscopy, Sanno Hospital, Tokyo, Japan*

Ovary/POI

- P2-144 Quantitative proteomics reveals the potential therapeutic effects of PRP against POR: a self-controlled study**
Jiayi Guo, et al., *Reproductive Medicine Center, The Sixth Affiliated Hospital of Sun Yat-sen University, Guangzhou, Guangdong, China*
- P2-145 Clinical observation of intraovarian injection of autologous platelet-rich plasma in the treatment of ovarian reserve dysfunction**
HongBo Wu, et al., *Center for Reproductive Medicine, Qinzhou Maternal and Child Health Hospital, QinZhou, GuangXi, China*
- P2-146 Interaction between mouse mural granulosa cells and cumulus cells during ovulation based on transcriptome analysis**
Amon Shiroshita, et al., *Department of Obstetrics and Gynecology, Yamaguchi University School of medicine, Ube, Japan*
- P2-147 Modified Laparoscopic Assisted Ovarian Cystectomy for the ovarian mature teratomas of reproductive-aged women.**
Toshio Igarashi, et al., *Department of Obstetrics and Gynecology, Teikyo University Chiba Medical Center, Ichihara, Chiba, Japan*
- P2-148 Decreased HSD17B12 in premature ovarian insufficiency mice promotes apoptosis in granulosa cells**
Yu Wang, et al., *Reproductive Center, Inner Mongolia Medical University Affiliated Hospital, Hohhot, Inner Mongolia, China*

- P2-149 Aberrant downregulation of Y-box binding protein 1 expression impairs cell cycle in an m5C-dependent manner in human granulosa cells**
Qichao Chen, et al., *Department of Reproductive Endocrinology, Women's Hospital, School of Medicine, Zhejiang University, Hangzhou, Zhejiang, China*
- P2-150 Outcome of assisted reproductive technology in patients with diminished ovarian reserve**
Mio Kobayashi, et al., *Department of Obstetrics and Gynecology, Gunma University Hospital, Maebashi, Gunma, Japan*
- P2-151 A Case of Hyperreactio Luteinalis Complicated by Mirror Syndrome Following IVF Pregnancy**
Ryoichi Asaka, et al., *Department of Obstetrics and Gynecology, Shinshu University, Matsumoto, Japan*
- P2-152 The in vitro effect of omentin-1 on the global proteome of granulosa cells from normal weight Large White and fat Meishan pigs**
Karolina Pich, et al., *Jagiellonian University in Krakow, Faculty of Biology, Institute of Zoology and Biomedical Research, Laboratory of Physiology and Toxicology of Reproduction, Krakow, Poland*

Regenerative Medicine/Stem cells

- P2-153 A case report of successful ongoing pregnancy following intravenous injection of human mesenchymal stem cell conditioned medium after 7 miscarriages**
Nao Hayashi, et al., *Hanabusa Women's Clinic, Kobe, Japan*
- P2-154 Development of Regenerative Medicine for LOH Syndrome: Generation of Leydig-like Cells from Human iPS Cells**
Katsuya Sato, et al., *Division of Urology, Kobe University Graduate School of Medicine, Kobe, Japan*
- P2-155 evaluation of the effects of platelet-rich plasma (PRP) treatment at our clinic**
Naho Higuchi, et al., *Goto Ladies Clinic, Osaka, Japan*
- P2-156 Two cases of intra-ovarian administration of autologous platelet-rich plasma (PRP) that improved PGT-A results in delivery**
Kenichi Yamada, et al., *Sendai soleil maternal clinic, Sendai, Japan*
- P2-157 Long-term therapeutic effects of allogeneic mesenchymal stem cell transplantation for intrauterine adhesions**
Kai Chen, et al., *Reproductive Medicine Center & Department of Obstetrics and Gynecology, The First Affiliated Hospital of USTC, Division of Life Sciences and Medicine, University of Science and Technology of China, Hefei, Anhui, China*
- P2-158 Ovarian Treatment with Autologous Platelet-Rich Plasma and Bone Marrow-Derived Stem Cells: A Case Series**
Victoria Alzogaray, et al., *Faculty of Chemistry, Universidad de la República, Montevideo, Uruguay*

- P2-159 Innovative Approaches in Reproductive Medicine: PRP, Exosomes, and Stem Cell Therapy for Poor Responders and Cryptozoospermia**
Nino Museridze, *Reproductive Medicine, Georgian-German Reproduction Center, Tbilisi, Georgia*

Reproductive Endocrinology/PCOS

- P2-160 Genetic Insight into the Impact of Diverse Adiposity Phenotypes on Female Reproductive Disorders**
Liangshan Mu, et al., *Reproductive Medicine Center, Zhongshan Hospital, Fudan University, Shanghai, China*
- P2-161 Phenotypes and clinical laboratory data for polycystic ovary syndrome cases: A nationwide survey in Japan**
Toshiya Matsuzaki, et al., *Department of Obstetrics and Gynecology, Yoshinogawa Medical Center, Yoshinogawa, Tokushima, Japan*
- P2-162 Fatty acids metabolic disturbance of granulosa cell and follicular fluid in normal-weight women with polycystic ovary syndrome**
Ye Tian, et al., *Tianjin Medical University General Hospital, Tianjin, China*
- P2-163 Association between toxic metals and trace elements and hyperandrogenemia in women: Associations and potential mediating factors**
Yingying Lu, et al., *Centre for Assisted Reproduction, Shanghai Key Laboratory of Maternal Fetal Medicine, Shanghai Institute of Maternal-Fetal Medicine and Gynecologic Oncology, Shanghai First Maternity and Infant Hospital, School of Medicine, Tongji University, Shanghai, China*
- P2-164 Continuous Light Induces Ovulation Disorders by Disrupting the Rhythm of the Leucine-mTOR-Autophagy Axis in Granulosa Cells**
Renke He, et al., *Department of Obstetrics and Gynecology, Center for Reproductive Medicine, The Fourth Affiliated Hospital of School of Medicine, and International School of Medicine, International Institutes of Medicine, Zhejiang University, Yiwu, Zhejiang, China*
- P2-165 Possibility of polycystic ovary syndrome as a contributing factor to the progression of chronic kidney disease**
Sayuri Takahashi, et al., *Shizuoka General Hospital, Shizuoka, Japan*
- P2-166 Cabergoline has inhibitory effects on FSH-induced cell differentiation and estrogen secretion in a primary culture system of rat ovarian granulosa cells**
Yusuke Mori, et al., *Department of Obstetrics and Gynecology, The Jikei University School of Medicine, Tokyo, Japan*
- P2-167 Sodium palmitate and/or letrozole induced NLRP3 inflammasome activation in ovarian granulosa cells may be associated with the pathogenesis of polycystic ovary syndrome**
Bo Wang, et al., *Department of Reproductive Medicine, Xinhua Hospital, School of Medicine, Shanghai Jiaotong University, Yangpu, Shanghai, China*

- P2-168 Aged polystyrene microplastics exacerbate PCOS associated with hormone synthesis proteins and inflammatory responses via oxidative stress pathway in mice**
 Rui Liu, et al., *Department of Reproductive Medicine, The Fourth Affiliated Hospital, Zhejiang University School of Medicine, Yiwu, Zhejiang, China*
- P2-169 The roles and mechanisms of pro-inflammatory macrophage polarization and their interactions with granulosa cells in follicular dysplasia associated with polycystic ovary syndrome**
 Shuya Zhang, et al., *Key Laboratory of Fertility Preservation and Maintenance of Ministry of Education, Ningxia Basic Medical Research Center, School of Basic Medical Science, Ningxia Medical University, Yinchuan, China*
- P2-170 Insulin resistance in PCOS woman**
 Tungalagsuvd Altankhuu, et al., *Obstetrics and Gynecology Department, Mongolian National University of Medical Sciences, Ulaanbaatar, Mongolia*
- P2-171 MiR-135b-5p promotes granulosa cell proliferation and steroidogenesis by directly targeting LATS2 in PCOS patients**
 Xin Huang, et al., *Reproductive Medical Center, Xinhua Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China*

Reproductive Genetics

- P2-172 Personalized Immunomodulation in Recurrent Pregnancy Loss: The Role of HLA Typing**
 Vasanthi Palanivel, et al., *Seragen Biotherapeutics Pvt Ltd, Bangalore-Karnataka, India*
- P2-173 Genetic counseling for Klinefelter syndrome diagnosed from prenatal stages to childhood**
 Maki Taniguchi, et al., *Department of Genome Medical Center, Hyogo Prefectural Kobe Children's Hospital, Kakogawa, Hyogo, Japan*
- P2-174 Distribution of FMR1 gene mutations in Chinese women of childbearing age**
 Yanping LU, et al., *Ob&Gyn, General hospital of PLA, Beijing, China*
- P2-175 Spina Bifida in the Czech Republic (1961–2020): Incidence, Impact of IVF, and Sex ratio**
 Antonin Sipek Jr, et al., *Department of Medcial Genetics, Thomayer University Hospital, Prague, Czech Republic*
- P2-176 A Comparison of Semen Parameters and IVF Outcomes in Male Carriers of Balanced Reciprocal Translocations**
 Tatsuya Nakano, et al., *IVF Namba Clinic, Osaka, Japan*
- P2-177 Withdrawn**
- P2-178 Withdrawn**

Reproductive Surgery

- P2-179 Effects of Laparoscopic Adenomyomectomy on Adenomyosis Classified by Subtype and Perinatal Outcomes.**
Dai Miyashita, et al., *Department of Obstetrics and Gynecology, University of Yamanashi, Yamanashi, Japan*
- P2-180 effect of laparoscopic scar repair with horizontal suturing on residual myometrial thickness in cases of cesarean scar syndrome**
Shun Takagi, et al., *Obstetrics and Gynecology, SHIN-YURIGAOKA General Hospital, Kawasaki, Japan*
- P2-181 Successful pregnancy and live birth following the combined treatment with ART and laparoscopic resection of adenomyosis under real-time intraoperative ultrasound elastography guidance: a case report**
Yumiko Morimoto, et al., *Department of Obstetrics and Gynecology, Kawasaki Medical School, Kurashiki, Japan*
- P2-182 A case of placenta accreta after hysteroscopic surgery for Asherman syndrome**
Toshihide Nakada, et al., *Department of Obstetrics and Gynecology, Tokyo Medical University, Utsunomiya, Japan*
- P2-183 “Evaluating the Timing of Surgical Interventions for Infertility: Salpingectomy and Myomectomy Approaches Pre- vs. Post-Oocyte Retrieval”**
Cheng Yu Ho, et al., *Department of Obstetrics and Gynecology, Shin Kong Wu Ho-Su Memorial Hospital, Shilin, Taipei, Taiwan*

Uterine Diseases and Endometriosis

- P2-184 Perinatal outcome in infertile women underwent laparoscopic endometriotic lesion removal -Comparative examination of general infertility treatment and assisted reproductive technology-**
Akiko Takashima, et al., *Department of Obstetrics and Gynecology, Toho Univ. Medical Center Sakura Hospital, Sakura, Japan*
- P2-185 Prior administration of GnRH antagonist improves the adherence of continuous administration of combined oral contraceptives**
Haruko Hiraike, et al., *Department of Obstetrics & Gynecology, School of Medicine, Teiko University, Tokyo, Japan*
- P2-186 Effects of female hormones and selective progesterone receptor modulator (SPRM) on tumor growth in uterine leiomyoma subtypes with and without somatic mutations in the Mediator complex subunit 12 (MED12) gene using spheroid culture and xenograft model systems.**
Shun Sato, et al., *Department of Obstetrics and Gynecology, Yamaguchi University Graduate School of Medicine, Ube, Japan*

- P2-187 Establishment of the xenograft model of endometriosis using endometrial stromal cells overexpressing HOXC8**
Hitomi Takasaki, et al., *Department of Obstetrics and Gynecology, Yamaguchi University Graduate School of Medicine, Ube, Japan*
- P2-188 Functional analysis of HtrA1 in endometriosis**
Yumiko Tsukui, et al., *Department of Obstetrics and Gynecology, Gunma University, Graduate School of Medicine, Maebashi, Japan*
- P2-189 Prognostic factors for progesterone resistance in adenomyosis: Impact of menorrhagia, uterine size, and serum CA125 levels on dienogest treatment outcomes**
Mayu Kinoshita, et al., *Department of Obstetrics and Gynecology, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan*
- P2-190 A study of three cases in which intestinal endometriosis worsened during infertility treatment and required surgery**
Shiori Takeuchi, et al., *Juntendo University Hospital, Tokyo, Japan*
- P2-191 Impact of endometriosis on embryo development based on embryo algorithm evaluation (Eeva score)**
Hisao Ando, et al., *Center for Reproductive Medicine and Surgery, Toyohashi Municipal Hospital, Toyohashi, Aichi, Japan*
- P2-192 A case of uterine cavity calcification in patients with primary infertility.**
Mami Fukuda, et al., *Fukuda Women's Clinic, Yokohama, Japan*
- P2-193 New Modified Laparoscopic Removal of Ovarian Endometrioma using lactated Ringer's solution as peritoneal lavage fluid contributes to early natural pregnancy following the surgery.**
Gosuke Yoshida, et al., *Teikyo University Chiba Medical Center, Ichihara, Chiba, Japan*
- P2-194 The Relationship between Endometriosis and Placenta Previa by focusing on the position of placenta such as mainly anterior or posterior.**
Yu Suenaga, et al., *Department of Obstetrics and Gynecology, Teikyo University Chiba Medical Center, Ichihara, Chiba, Japan*
- P2-195 Two types of ovarian endometrioma with distinct frequencies of ciliated cells.**
Hui Sun, et al., *Department of Obstetrics and Gynecology, University of Tokyo, Shanghai, China*
- P2-196 The inhibitory effect of AMP-activated protein kinase (AMPK) on cyclooxygenase-2 and prostaglandin production in human endometrial stromal cells.**
Yasushi Kawano, et al., *Department of Oita Regional Medical Support System Construction Project, Oita University, Yufu, Oita, Japan*
- P2-197 Large-scale genome-wide data analysis of the causal association between smoking and endometriosis**
Lixia Zhu, *Tongji Hospital, Tongji Medical College, Huazhong University of Science and Technology, Reproductive Medicine Center, Wuhan, China*

- P2-198 Review of cases in which Relugolix was used at our hospital**
Hanako Kasahara, et al., *Juntendo University Nerima Hospital, Tokyo, Japan*

Others

- P2-199 Lnc-DSG1-6 facilitates endometrial cancer proliferation under estradiol stimulation by regulating MDM2**
Chun Feng, et al., *The Second Affiliated Hospital of Zhejiang University School of Medicine, Hangzhou, Zhejiang, China*
- P2-200 Anthropometric Measurements of Term Singletons at 6 Years of Age Born from Fresh and Frozen Embryo Transfers: A Multicenter Prospective Study in Japan**
Marie Hara, et al., *Department of Obstetrics and Gynecology, Tokyo Medical University, Tokyo, Japan*
- P2-201 Preconception care leading to a successful pregnancy in a patient with obesity, diabetes, hypertension, and a history of pontine stroke: a case report**
Ayumi Ogasawara, et al., *Saiseikai Yokohama City Tobu Hospital, Yokohama, Japan*
- P2-202 Embryo Cryopreservation Prior to Concurrent Chemoradiotherapy and Subsequent Embryo Transfer Post-Remission in Stage IIb Cervical Cancer Patients**
Kazuya Takeda, et al., *Department of Obstetrics and Gynecology, Hyogo Medical University, Nishinomiya, Hyogo, Japan*
- P2-203 A Case of Familial Mediterranean Fever with Severe Attacks During Withdrawal Bleeding After Controlled Ovarian Hyperstimulation**
Mio Tatara, et al., *Shiga University of Medical Science Hospital, Kusatsu, Shiga, Japan*
- P2-204 A case of benign multicystic peritoneal mesothelioma in which an in vitro fertilization embryo transfer was performed and a live birth was achieved**
Eiji Nishio, et al., *Department of Obstetrics and Gynecology, Fujita Health University School of Medicine, Toyoake, Aichi, Japan*
- P2-205 A Case Report of an HLA-B39 positive Spondylitis Patient Who Achieved Pregnancy Through ART After Discontinuing Opioid Analgesics via Multidisciplinary Treatment**
Hideyuki Iwahata, et al., *The Department of Obstetrics and Gynecology, St.Marianna University School of Medicine, Kawasaki, Japan*
- P2-206 Preconception care for helping people to be empowered : reports from the region facing the issue of population decline**
Akiko Nakagomi, et al., *Department of Obstetrics and Gynecology, University of Yamanashi, Yamanashi, Japan*
- P2-207 What is the indication for fertility preservation for cancer with distant metastasis? Molecular-targeted medicines may broaden indications.**
Tatsuki Kadomoto, et al., *Kurashiki central Hospital, Kurashiki, Japan*

- P2-208 Evaluating the safety of high concentrations of graphene oxide during in vitro maturation for bovine embryo production**
Pilar Ferre-Pujol, et al., *Field Science Center, Tokyo University of Agriculture and Technology, Tokyo, Japan*
- P2-209 Developing an online interactive education portal for reproductive scientists and healthcare professionals in medically assisted reproduction.**
Bryan Woodward, et al., *X&Y Fertility, Leicester, UK*
- P2-210 Pre-ART Blood Pressure and the Risk of Hypertensive Disorders of Pregnancy in Hormone Replacement Cycle Frozen-Thawed Embryo Transfer**
Takeshi Eguchi, et al., *Department of Reproductive Medicine Center, Miyake Clinic, Okayama, Japan*
- P2-211 Azanza Garckeana Reversed Polyethylene Glycol(PEG) 6000 Induced Reproductive Toxicity in Male ICR Mice**
Louis Chukwuemeka Ajonuma, et al., *Department of Physiology, Lagos State University College of Medicine, Ikeja, Lagos, Nigeria*

Andrology

- P3-001 Fertility among testicular cancer survivors at a male infertility clinic**
Hatsuki Hibi, et al., *Division of Male Reproduction, Kyoritsu General Hospital, Atsuta-ward, Nagoya, Japan*
- P3-002 Effects of estradiol and progesterone on sperm hyperactivation and the in vitro fertilization success in rats.**
Tatsuya Suzuki, et al., *Reproductive Medicine Center, Dokkyo Medical University Hospital, Mibu, Shimotsuga-gun, Tochigi, Japan*
- P3-003 Efficacy of Imipramine for Retrograde Ejaculation**
Masato Uetani, et al., *Department of Urology, Toho University Faculty of Medicine, Tokyo, Japan*
- P3-004 The post-fertilization effects of paternal exposure to nicotine; can abstinence be of any value?**
Panagiota Tsounapi, et al., *Reproductive Center, Mio Fertility Clinic, Yonago, Japan*
- P3-005 A case of successful testicular sperm retrieval and subsequent pregnancy in a patient with partial androgen insensitivity syndrome with AZFc microdeletion.**
Teppei Takeshima, et al., *Center for Reproductive Medicine, Yokohama City University Medical Center, Yokohama, Japan*
- P3-006 Dual Semen Collection on Oocyte Retrieval Day in Men with Abnormal Parameters: A Prospective Study from Sub-Saharan Africa**
Olaitan Shote, et al., *Clinical, Medical Art Center, Ikeja, Lagos, Nigeria*
- P3-007 Variety of spermatogenesis in infertile men with balanced reciprocal chromosome translocation: A case series at a single center**
Shinnosuke Kuroda, et al., *Center for Reproductive Medicine, Yokohama City University Medical Center, Yokohama, Japan*

Male Infertility

- P3-008 ICSI outcomes in Klinefelter syndrome : a single-center retrospective cohort study**
Misaki Toda, et al., *Center for Reproductive Medicine, Yokohama City University Medical Center, Yokohama, Japan*
- P3-009 Association between semen microbiome disorder and sperm DNA damage**
Junxian He, et al., *Reproductive Medicine Center, Sixth Affiliated Hospital of Sun Yat-Sen University, Guangzhou, China*

- P3-010 A case of hereditary hypogonadotropic hypogonadism diagnosed after a examination of male infertility**
Mayuko Kato, et al., *Department of urology, Tokyo Shinjuku Medical Center, Tokyo, Japan*
- P3-011 Involvement of Semen Oxidative Stress in Decreased Number and Motility of Sperm in Men of Infertile Couples**
Linji Chen, et al., *Obstetrics and Gynecology, Showa University, Tokyo, Japan*
- P3-012 Identification of novel male infertility genes in the family and study of spermatogenesis function in transgenic mice**
Youichi Sato, et al., *Pharmaceutical Information Science, Tokushima University Graduate School of Biomedical Sciences, Tokushima, Japan*
- P3-013 Sperm cryopreservation at Kinki University Hospital**
Takahito Nakayama, et al., *Department of Urology, Kindai University, Osaka, Japan*
- P3-014 Two case reports of Fontan-associated varicocele**
Yusuke Tominaga, et al., *Department of Urology, Okayama University Graduate School of Medicine, Okayama, Japan*
- P3-015 Body mass index (BMI) influences the results of sperm analysis in In Vitro Fertilization**
Saori Watanabe, et al., *Reproductive Nurse, Phoenix ART Clinic, Tokyo, Japan*
- P3-016 A case of testicular syphilis initially presenting as azoospermia, with sperm recovery after treatment**
Go Tsujimura, et al., *Department of Urology, Osaka University Hospital, Suita, Osaka, Japan*
- P3-017 The Mechanism of ICAM-1 in the Epididymal Immune Microenvironment and Epithelial Injury during Hypoxia and Reoxygenation**
Wei He, et al., *Reproductive Medical Center, Southwest Hospital, Army Medical University, Chongqing, China*
- P3-018 Semen Analysis Findings after Microscopic Spermatic Varicocele Surgery and Relationship between changes in sperm DNA fragmentation rate and pregnancy rate**
Masashi Teramoto, et al., *Department of Urology, Kameda medical center, Kamogawa, Chiba, Japan*
- P3-019 Mechanism study of the pathogenic gene MAASRP1 in methylmalonic acidemia during spermatogenesis**
Yingying Yin, et al., *Department of Obstetrics and Gynecology, Qilu Hospital of Shandong University, Jinan, China*
- P3-020 Addressing Male Infertility in Ghana: Prevalence, Causes, and Cultural Perceptions**
Emmanuel Asare Oware, et al., *Family Medicine, Kwadaso SDA Hospital, Kumasi, Ghana*
- P3-021 personal habit associated with semen quality among infertile men**
Saiful Bhuyan, *Reproductive Medicine, BSMMU Hospital, Dhaka, Bangladesh*

- P3-022 Length of embryo culture (8-cell vs. blastocyst) affects glucose metabolism in adult mice.**
Rhodel Kimp Simbulan, et al., *Department of Obstetrics, Gynecology and Reproductive Sciences, University of California San Francisco, San Francisco, CA, USA*
- P3-023 Martlife Detoxification Method Enhances Metabolic Health: A Model for Improving Fertility Outcomes in Assisted Reproduction**
Oluwole Ogunsola, et al., *Embryology Unit, Institute of Assisted Reproductive Technology, Medical ART Center, Mart Group of Health Services, Ikeja, Lagos, Nigeria*
- P3-024 Comparison of survival and embryo transfer outcomes of blastocysts warmed by conventional multi-step warming and one-step warming protocols**
Masashi Shioya, et al., *Takahashi Women's Clinic, Chiba, Japan*
- P3-025 Evaluation of single-step warming in human vitrified blastocysts**
Hiroyuki Tomari, et al., *IVF Nagata Clinic, Fukuoka, Japan*
- P3-026 pregnancy rates by endometrial thickness in cleavage-stage embryo transfer after clomiphene citrate cycle - comparison of fresh embryo transfer and frozen-thawed embryo transfer -**
Koichi Yoneyama, et al., *Department of Gynecology, Minatomirai Yume Clinic Kawasaki Branch Clinic, Kawasaki, Japan*
- P3-027 Biphasic in vitro maturation (CAPA-IVM) of ovarian tissue oocytes in ovarian fibromatosis: A Case Report**
Shotaro Higuchi, et al., *Department of Obstetrics and Gynecology, Shinshu University School of Medicine, Matsumoto, Japan*
- P3-028 Retrospective Analysis and Strategic Interventions for Poor Ovarian Response (POR) Patients in IVF: Insights from Over 4,000 Cycles at a Single Institution**
Yoko Suzuki, et al., *Department of Reproductive Developmental and Aging Sciences, The University of Tokyo Graduate School of Medicine, Tokyo, Japan*
- P3-029 Retrospective comparative study of follitropin delta vs follitropin alfa in progestin-primed ovarian stimulation (PPOS) protocol in IVF**
Yusuke Enatsu, et al., *Kuramoto Womens Clinic, Fukuoka, Japan*
- P3-030 Will the level of kisspeptin differ in semen of fertile than infertile males?!**
Ahmed Saad, et al., *Obstetrics & Gynecology, Banha University Hospital, Qalyubiya, Banha, Egypt*
- P3-031 Rekovelle Stimulation Protocol: Advocating for Fresh Embryo Transfer as the Preferred Option**
Moritoshi Seki, et al., *SeKiel Ladies Clinic, Takasaki, Japan*

- P3-032 Gonadotropin and gonadal hormone concentration in follicular fluid and the relationship between oocyte matched follicular fluid and ART outcome**
Yuri Yamamoto, et al., *Tokushima University Hospital, Tokushima, Japan*
- P3-033 Optimal Timing for Triggering: Based on Follicle Size and Serum Progesterone Level**
Kunihiro Enatsu, et al., *HANABUSA Women's clinic Nishinomiya, Nishinomiya, Hyogo, Japan*
- P3-034 impact of time from embryo loading to embryo transfer on clinical outcomes**
Hiroka Akita, et al., *Komaki City Hospital, Komaki, Aichi, Japan*
- P3-035 Serum progesterone level on embryo transfer day is linearly correlated clinical pregnancy rate in fresh IVF-ET cycle, but serum progesterone level on mid luteal phase is not.**
Chang-Woo Choo, et al., *Obstetrics and Gynecology, Female Infertility, Fertility Preservation, Seoul Maria Fertility Hospital, Seoul, Korea*
- P3-036 Risk of perinatal complications due to differences in blood estrogen levels and estrogen preparations in hormone replacement cycle-frozen embryo transfer**
Momoyo Sonoda, et al., *SONODA MOMOYO ART CLINIC, Toyonaka, Osaka, Japan*
- P3-037 The effect of endometrial scratching-revisited. Is it good or bad?**
Yuka Inoue, et al., *Department of Obstetrics and gynecology, Center Hospital of the National Center for Global Health and Medicine, Tokyo, Japan*
- P3-038 Prospective, multi-country, non-interventional, real-world study to investigate the effectiveness, safety and patterns of use of follitropin delta for ovarian stimulation in Asian women (PROFOUND): rationale and study design**
Yutaka Osuga, et al., *Teikyo Academic Research Center, Tokyo, Japan*
- P3-039 Does double blastocyst transfer contribute to increased pregnancy rate under insurance covered era?**
Yukiko Yano, et al., *Sugiyama Clinic Shinjuku, Tokyo, Japan*
- P3-040 "Predicting Pregnancy Based on Ovarian Response in Assisted Reproductive Technology"**
SANG HOON Han, et al., *Department of Reproductive Medicine, Samsungmiz OBGYN Clinic, Incheon, Korea*
- P3-041 Clinical outcomes of natural cycle vs. letrozole cycle protocols in patients with low anti-Müllerian hormone (AMH) levels**
Keiko Sasaki, et al., *Department of Reproduction Center, Shinyurigaoka General Hospital, Kawasaki, Japan*
- P3-042 Could blastocysts derived from abnormal fertilized zygotes be rescued? A systematic review and meta-analysis**
Yiqing Wu, et al., *Women's Hospital, Zhejiang University School of Medicine, Hangzhou, Zhejiang, China*

- P3-043 Impact of Timelapse-Based Embryo Monitoring and AI Scoring Systems on IVF Outcomes**
Shantanu Prabhu, et al., *Infertility Department, Lilavati Hospital, Mumbai, Maharashtra, India*
- P3-044 Efficacy of transvaginal aspiration of ovarian endometrioma during the egg retrieval for infertility complicated with endometriosis in patients undergoing Assisted Reproductive Technology**
Kazuhiko Oka, et al., *Obstetrics and Gynecology, The Jikei University School of Medicine, Minato-ku, Tokyo, Japan*
- P3-045 Association of basal reproduction hormone status with the outcomes of COH: The moderating effect of psychological factors**
Xinyu Zhou, et al., *Department of Obstetrics and Gynecology, the First Affiliated Hospital, Anhui Medical University, Hefei, Anhui, China*
- P3-046 Efficacy and Safety of ART in HIV-1 Serodiscordant Couples: Prevention of Transmission and Perinatal Results**
Ayaka Ishii, et al., *Department of Obstetrics and Gynecology, Tokyo Medical University, Tokyo, Japan*
- P3-047 Usefulness of Day 7 blastocysts.**
Masaaki Ban, et al., *Roppongi ladies clinic, Tokyo, Japan*
- P3-048 The pregnancy outcomes of double cleavage-stage embryos transfer versus single blastocyst transfer in ovulatory women in fresh and frozen embryo transfer cycles: a secondary analysis of 2 randomized trials using a propensity score matching**
Daimin Wei, et al., *Department of Reproductive Medicine, Center for Reproductive Medicine, Shandong University, 250012, China, Jinan, Shandong, China*
- P3-049 Comparative Analysis of Controlled Ovarian Stimulation Protocols : Evaluating HMG vs. FSH + HMG in Flexible GnRH Antagonist Cycles among the POSEIDON Group 3 and 4 Patients**
Jyothi Budi, et al., *Department of Reproductive Medicine, Medical Director, Ferty9 Fertility Centers, Hyderabad & Telangana, India*
- P3-050 Transabdominal oocyte retrieval with abdominal ultrasound probe: three cases experiences in a single institution and literature review.**
Taro Yagi, et al., *Department of Obstetrics and Gynecology, Osaka General Medical Center, Osaka, Japan*
- P3-051 A new scoring system for embryo evaluation using morphological and dynamic indicators before and after Cryopreservation: A prospective observational study using a Time-lapse imaging system**
Masato Yoneyama, et al., *Department of Obstetrics and Gynecology,, Toho University Omori Medical Center, Tokyo, Japan*
- P3-052 Preventive strategies for high-risk venous thrombosis patients during oocyte retrieval: A study from our institution**
Aiko Okada, et al., *Department of Obstetrics and Gynecology, The University of Osaka, Suita, Osaka, Japan*

- P3-053 The Influence of Microfluidic Preparation of Spermatozoa for Conventional IVF Insemination and ICSI**
Yoichi Maeda, et al., *Nishitan ART Clinic Osaka, Osaka, Japan*
- P3-054 The Effect of Luteinizing Hormone Content during Ovarian Stimulation on Clinical Outcomes in the Progestin-Primed Ovarian Stimulation Protocol for IVF Patients**
Kaoru Miyazaki, et al., *Reproductive Medicine Center, Hara Medical Clinic, Tokyo, Japan*
- P3-055 Comparing flexible modified natural cycle and hormone replacement cycle frozen embryo transfer: embryo transfer outcomes and perinatal complications**
Yusuke Tanaka, et al., *Nishikawa gynecology and internal medicine clinic, Osaka, Japan*
- P3-056 Recent Statistics and Trends in National-Level Data Collection on Assisted Reproductive Technology in South Korea**
Dayong Lee, et al., *Department of Obstetrics and Gynecology, SMG-SNU Boramae Medical Center, Seoul, Korea*
- P3-057 A Case of Pregnancy Achieved After Microdissection TESE for Azoospermia Following Osteosarcoma Chemotherapy**
Koki Kurihara, et al., *Department of Reproductive Medicine, Goto ladies Clinic, Takatsuki, Osaka, Japan*
- P3-058 Safety of Oocyte Retrieval in PPOS Cycles with High Estradiol Levels: A Retrospective Analysis of OHSS Severity**
Ikumi Nakajima, et al., *Matsumoto Ladies IVF Clinic, Tokyo, Japan*
- P3-059 Impact of Chronic Endometritis Diagnostic Methods on Pregnancy Outcomes in Recurrent Implantation Failure: A Retrospective Study**
Shinya Fukuda, et al., *Matsumoto Ladies IVF Clinic, Tokyo, Japan*

Counselling/Nursing

- P3-060 investigation and Analysis of the Current Situation of Umbilical Cord Care for Newborns in Beijing, China, and Improvement Strategies**
Na Dou, *Chinese People's Liberation Army General Hospital, Beijing, China*
- P3-061 Challenges in Providing Information about the Special Adoption and Foster Care System in Fertility Treatment Facilities in Japan**
Minato Tarumi, et al., *Department of Psychiatry, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Kyoto, Japan*
- P3-062 An investigation of mental health care of males and/or females suffering from infertility**
Hiromi Yamamoto, et al., *Fuculty of Nursing, Yokohama Soei University, Yokohama, Japan*

- P3-063 Music, Imagery, and Infertility: A Qualitative Inquiry into Symptoms, Treatments, and Expressive Therapies with Infertility Clinicians**
Johanna Shriver Halligan, *Expressive Therapies, PhD student, Lesley University, Brookline, New Hampshire, USA*
- P3-064 Changes in the attitudes of ART patients in the two years since the introduction of national health insurance coverage for reproductive treatment: a comparative study of the year coverage began and the present**
Miki Tokunaga, et al., *Kuramoto Women's Clinic, Fukuoka, Japan*
- P3-065 The Training Pathway of Assisted Reproductive Technology Specialist Nurse in China**
Fengyi Mo, et al., *Department of Reproductive Endocrinology, Women's Hospital, School of Medicine, Zhejiang University, Hangzhou, China*
- P3-066 Fertility knowledge about women in Japanese men who wish to have a child**
Noriko Yamaguchi, et al., *Department of Nursing, Niigata University of Health and Welfare, Niigata, Japan*
- P3-067 The Role of Psychotherapy in Enhancing Emotional Resilience and Treatment Outcomes in Fertility Care**
Nihinlola Eunice Olowe, *Department of Psychotherapy, Androcare Fertility Center, Lagos, Nigeria*
- P3-068 Global Insights from Patients Seeking IVF Treatment Abroad**
Aleksander Wiecki, et al., *IVF Media Ltd., Dublin, Ireland*
- P3-069 Current Status of Oocyte Cryopreservation by Social Adaptation in Our Hospital**
Eriko Kinbara, et al., *Center for Reproductive Medicine, IVF Nagata Clinic, Fukuoka City, Fukuoka, Japan*
- P3-070 Withdrawn**

Early Pregnancy Loss/Recurrent Pregnancy Loss

- P3-071 Identification and ultrasensitive photoelectrochemical detection of LncNR_040117: a biomarker of recurrent miscarriage and antiphospholipid antibody syndrome in platelet-derived microparticles**
Qian Zhou, et al., *Shandong Provincial Hospital affiliated to Shandong First Medical University, Jinan, China*
- P3-072 Cross-reactivity of antigenic binding sites of antiphosphatidylserine/prothrombin antibodies in patients with pregnancy loss and epidermal growth factor**
Aiko Aoki, et al., *Sugi Women's Clinic, Nerima-ku, Tokyo, Japan*
- P3-073 The effects of lipid emulsion and IVIG on reproductive failures with NK cell abnormalities**
Ayano Yamaya, et al., *Department of Obstetrics and Gynecology, Hyogo Medical University, Nishinomiya-shi, Hyogo, Japan*

- P3-074 Effects of pine nodule extracts on pregnancy outcome in patients with recurrent miscarriage combined with endometritis**
 Juan Zhang, et al., *Department of Reproductive Medicine, XiangYa Hospital Zhuzhou Central South University, Zhuzhou, Hunan Province, China*
- P3-075 The results of recurrent pregnancy loss screening and retrospective investigation of the outcome in the next pregnancy in cases of unexplained intrauterine fetal death in the previous pregnancy.**
 Kohei Nishida, et al., *Department of Obstetrics and gynecology, Okayama University Hospital, Okayama city, Okayama, Japan*

Embryologist/Laboratory

- P3-076 Effect of 4-step warming time (10min vs 5min) of a vitrified blastocyst on the clinical results of the single blastocyst transfer with women younger than 39**
 Kenichiro Hiraoka, et al., *ART Laboratory, Kameda IVF Clinic Makuhari, Chiba-shi, Chiba, Japan*
- P3-077 Evaluation of abnormal fertilization and early embryo division kinetics by meiotic spindle (MS) imaging**
 Hiroe Ueno, et al., *Center for Reproductive Medicine, Yokohama City University Medical Center, Kanagawa, Japan, Japan*
- P3-078 Adjuncts in the assisted reproductive technology laboratory: Appraisals of fertility clinic websites**
 Moipone Ellen Mohale, et al., *Department of Obstetrics and Gynecology, University of Pretoria, Reproductive Biology Laboratory, Capital Park, Pretoria, Gauteng, South Africa*
- P3-079 Predictive Factors for the Risk of Having No Usable Blastocysts in Assisted Reproductive Technology**
 Trang Tran Thi Huyen, et al., *IVF, My Duc Phu Nhuan hospital, HO CHI MINH, Viet Nam*
- P3-080 Morphokinetic analysis of early fertilization events in Day 4–7 blastocysts**
 Nanoha Fujiwara, et al., *Kato Ladies Clinic, Tokyo, Japan*

Embryology

- P3-081 Bromodomain Extra Terminal protein (BET) inhibitor JQ1 affects sperm oocyte interaction and early embryonic development**
 Keerthana Karunakar Poojary, et al., *Department of Reproductive Science, Manipal Academy of Higher Education, Centre of Excellence in Clinical embryology, Kasturba Medical College, Manipal, Manipal, Karnataka, India*
- P3-082 Effect of miscontrolled rotation of the metaphase-II spindle on fertilization status after intracytoplasmic sperm injection**
 Hiroshi Iwayama, et al., *Obihiro ART Clinic, Obihiro, Hokkaido, Japan*

- P3-083 Cryoprotectants specific alteration in DNA demethylation and gene expression in vitrified warmed embryos**
Minori Shida, et al., *Animal Science, Tokyo University of Agriculture, Atsugi, Kanagawa, Japan*
- P3-084 Effect of Ultra-fine bubbles encapsulating carbon monoxide on embryonic differentiation potential**
Toyofumi Hirakawa, et al., *Department of Obstetrics & Gynecology, Fukuoka University, Faculty of Medicine, Jonan-ku, Fukuoka, Japan*
- P3-085 Clinical outcomes for embryos derived from oocytes with smooth endoplasmic reticulum clusters**
Mahomi Kikuchi, et al., *Department of Obstetrics and Gynecology, Shin-yurigaoka General Hospital, Asao-ku, Kawasaki, Kanagawa, Japan*
- P3-086 Perinatal outcomes of singletons liveborn after vitrified-warmed transfer with blastocysts cultured in Embryoscope: a single-center cohort study**
Masao Murakami, et al., *Kuramoto Women's Clinic, Fukuoka, Japan*
- P3-087 Can preimplantation genetic testing for aneuploidy (PGT-A) be an effective preimplantation diagnostic tool for embryos with artificial removal of the zona pellucida at the pronuclear stage?**
Keitaro Yumoto, et al., *Reproductive Center, Mio Fertility Clinic, Yonago, Tottori, Japan*
- P3-088 Aggregated chromosomes/chromatin transfer: Toward a novel clinical approach for mitochondrial replacement with minimal mitochondrial carryover**
Ryota Okamoto, et al., *Hanabusa Women's Clinic, Kobe-shi, Hyogo, Japan*

Endometrium/Implantation

- P3-089 Molecular Insights into Uterine Microbiota Dysbiosis in Recurrent Implantation Failure: An Integrated Transcriptomic Analysis**
Yutaro Mori, et al., *Obstetrics and Gynecology, Niigata University Graduate School of Medical and Dental Sciences, Niigata, Japan*
- P3-090 A study of clinical results by the transfer timing of frozen-thawed embryo transfer in natural cycles**
Yuko Fukatsu, et al., *Usui clinic, Tokyo, Japan*
- P3-091 Embryo cryopreservation strategy may improve live birth for women underwent in vitro maturation after early oocyte retrieval.**
Du Yanbo, *I.State Key Laboratory of Reproductive Medicine and Offspring Health, Center for Reproductive Medicine, Institute of Women, Children and Reproductive Health, Shandong university, Jinan, Shandong, China*
- P3-092 Exploring factors affecting the window of implantation in hormone replacement frozen-thawed embryo transfer cycles**
Yuri Takahashi, et al., *Department of Obstetrics and Gynecology, Tohoku University Graduate School of Medicine, Sendai, Japan*

- P3-093 Tissue-Resident *Pseudomonas aeruginosa* Impairs Endometrial Receptivity via STAT3 Signaling**
Peigen Chen, et al., *Reproductive medicine center, Sixth Affiliated Hospital of Sun Yat-sen University, Guangzhou, China*
- P3-094 Cell-based Strategies for Recovering Endometrial Receptivity and Favor Pregnancy**
Dinorah Hernandez-Melchor, et al., *Investigación Clínica, Instituto de Infertilidad y Genética México SC, INGENES, Cuajimalpa de Morelos, Ciudad de México, Mexico*
- P3-095 IL17B/IL17RB signaling pathway mediates endometrial senescence.**
Keiko Kawamura, et al., *Department of Obstetrics and Gynecology, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan*
- P3-096 Analysis of risk factors related to retained products conception (RPOC) in frozen-thawed embryo transfer cycles: comparison with natural ovulation cycle embryo transfer and hormone replacement cycle embryo transfer**
Akiko Shimada, et al., *Obstetrics and Gynecology, Hills Ladies Clinic, Maebashi, Japan*
- P3-097 The impact of visfatin on human placental cells viability, invasion and proliferation.**
Monika Dawid, et al., *Jagiellonian University, Faculty of Biology, Institute of Zoology and Biomedical Research, Laboratory of Physiology and Toxicology of Reproduction, Kraków, Poland*
- P3-098 Organoid transplantation using hyaluronic acid hydrogel containing recombinant human type III collagen can enhance endometrial regeneration**
Jiashuo Liu, et al., *The Center for Reproductive Medicine, Department of Obstetrics and Gynaecology, The Second Affiliated Hospital of Chongqing Medical University, Chongqing, China*
- P3-099 Endometrial receptivity tests are recommended to be performed after good-quality embryo transfers more than twice.**
Tomoki Tanaka, et al., *Matsumoto Ladies IVF Clinic, Tokyo, Japan*
- P3-100 Correlation of implantation failure with Hysteroscopic findings in genital tuberculosis as causal determinant in female infertility**
Neelima Yadav, *Gynaecology and Obstetrics, Galaxy Hospital & ivf Centre, Lucknow, Uttar Pradesh, India*

Female Infertility

- P3-101 Effect of DE-T1 on blastocyst attainment rate and live birth rate in female IVF treatment - Retrospective cohort study of 1014 patients**
Hui Shao, et al., *Department of Reproductive Medicine, hanabusa women's clinic, Kobe, Japan*

- P3-102 Fallopian Ampullary Hydrosalpinx Post-Salpingostomy and Its Negligible Impact on ART Pregnancy Outcomes: A Retrospective Analysis.**
Lei Yan, et al., *Center for Reproductive Medicine, Shandong University, Jinan, China*
- P3-103 Letrozole-stimulated cycles versus hormone replacement treatment cycles for frozen embryo transfer in women with polycystic ovary syndrome: a prospective randomised controlled trial**
Linlin Jiang, et al., *Department of Obstetrics and Gynecology, Reproductive Medicine Centre, Sun Yat-Sen Memorial Hospital, Guangzhou, China*
- P3-104 Awareness and Perception of Pseudo-cryptic Pregnancy among African Women with Fertility Challenge in Umuahia, South East Nigeria.**
Chinelo Ekechi-Agwu, et al., *2.Faculty of law, Alex Ekwueme Federal University Ndufu Alike Ebonyi State, Nigeria., Umuahia, Abia State, Nigeria*
- P3-105 Endometrial Preparation Methods Influence Pregnancy and Obstetric Outcomes in Endometriosis Patients in a National Cohort Study**
Kyu Sup Lee, et al., *Centum Eroom Women's Clinic, Busan, Korea*
- P3-106 A case of infertility(PCOS) with severe obesity and endometrial atypical hyperplasia**
Gegentana Gegentana, et al., *Department of Reproductive Medicine, Affiliated Hospital of Inner Mongolia Minzu University, Tongliao, Inner Mongolia Autonomous Region, China*
- P3-107 Efficacy of intrauterine infusion of platelet-rich plasma on pregnancy outcomes after frozen embryo transfer**
Yonghuan Lv, et al., *Gynecology and Obstetrics, Tianjin Medical University General Hospital, Tianjin, China*
- P3-108 A case of mosaic Turner syndrome in which a pregnancy was achieved after assisted reproductive technology**
Takashi Mitsui, et al., *Department of Obstetrics and Gynecology, Okayama University Hospital, Okayama, Japan*
- P3-109 Impact of Body Composition on Fertility Treatment Outcomes in Women**
Misa Namba, et al., *Tawara IVF Clinic, Shizuoka, Japan*
- P3-110 the safe and simple ultrasound-based hysterosalpingography using perflubutane**
Jun Kitazawa, et al., *Takebayashi Women's Clinic, Otsu, Shiga, Japan*
- P3-111 The clinical efficacy of intrauterine autologous-PRP (platelet rich plasma) administration in the case of infertile women with thin-endometrium or repeated implantation failure.**
Takuya Tani, et al., *Department of Reproductive Medicine, Sugiyama Clinic Shinjyuku, Tokyo, Japan*
- P3-112 Unilateral or bilateral tubal blockage associates with dysbiosis in the vaginal and endometrial microbiota**
Yijing Long, et al., *Department of Reproductive Medicine, Ren Ji Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China, Shanghai, China*

- P3-113 Effect of preconception weight loss on fertility outcomes in obese patients**
Akiko Shibaike, et al., *SORA no MORI CLINIC, Okinawa, Japan*
- P3-114 Comparison of embryo euploidy rates and live birth rates between luteal-phase stimulation protocol and GnRH antagonist protocol**
Boyuan Chen, et al., *The International Peace Maternity and Child Health Hospital, School of Medicine, Shanghai Jiao Tong University, Shanghai, China, Shanghai, China*
- P3-115 Radiofrequency fibroid ablation in patients with infertility and uterine fibroids: case report and literature review**
Maria Magdalena Manolea, et al., *Obstetrics and Gynecology, University of Medicine and Pharmacy, Filantropia Hospital, Craiova, Craiova, Dolj, Romania*
- P3-116 Estrogen androgen priming protocol improves egg quality and the number of embryos available for transfer in poor responder patients undergoing IVF/ISCI**
Mark Denker, *Reproductive Medicine, Palm Beach Fertility Center, Boca Raton, Florida, USA*
- P3-117 Title: Level of ferritin in serum and follicular fluid affects quality of embryos in IVF patients**
Nilufar Zoitova, et al., *reproductology, IVF clinic "Siz ona bulasiz", Tashkent, Uzbekistan*
- P3-118 Withdrawn**
- P3-119 Hysteroscopy as an Initial Study in Female Infertility**
Alejandro Baruch Ugalde Meza, *Reproductive Medicine, Hospital Angeles del Pedregal, CDMX, Mexico*

Fertility Preservation

- P3-120 Impact of aging and poly (adenosine diphosphate – ribose) polymerase inhibitor olaparib on the ovaries using a novel *Brca1*^(L63/+) rat.**
Reina Sonchana, et al., *Department of Obstetrics and Gynecology, Nagoya University Graduate School of Medicine, Nagoya, Japan*
- P3-121 Transcriptional and spatial analysis of ovarian tissue cryopreservation and transplantation reveals a role for MitoQ in improving revascularization**
Lingbo Meng, et al., *Center of Reproductive Medicine, Shengjing Hospital of China Medical University, Shenyang, China*
- P3-122 A case of endometrial growth obtained with estrogen administration after radiotherapy for recurrent vulvar cancer**
Kosuke Murakami, et al., *Department of Obstetrics and Gynecology, Kindai University, Osaka, Japan*
- P3-123 Six case reports of Onco-TESE in young male patients with cancer treated at our hospital**
Shiho Hashimoto, et al., *Reproduction center, Tokyo Dental College Ichikawa General Hospital, Chiba, Japan*

- P3-124 Survey of fertility preservation therapy in AYA (Adolescent and Young Adult) ovarian cancer patients in Japan.**
Futa Ito, et al., *Obstetrics and Gynecology, Osaka General Medical Center, Osaka, Japan*
- P3-125 Characteristic delay of follicle growth due to acute toxicity caused by chemotherapy in two cases**
Naoki Tsuchiya, et al., *Center for reproductive medicine, Yokohama City University Medical Center, Yokohama, Japan*
- P3-126 Impact of Chemotherapy on Clinical Outcomes of In Vitro Maturation of Immature Oocytes and Ovarian Tissue Oocytes**
Yu Wakimoto, et al., *Department of Obstetrics and Gynecology, Hyogo Medical University, Nishinomiya, Hyogo, Japan*
- P3-127 Activities and Challenges of the Chiba OncoFertility NETwork (COFNET)**
Yoshiko Saito, et al., *Department of Obstetrics and Gynecology, Chiba University Hospital, Chiba, Japan*
- P3-128 Search for optimal endocrine environment in mouse ovarian tissue transplantation**
Kaoru Ito, et al., *Oonota Women's clinic, Tokyo, Japan*
- P3-129 Introduction of Fertility Preservation Therapy in a Regional Prefecture in Japan**
Natsumi Enzaki, et al., *Department of Obstetrics and Gynecology, Miyazaki Medical Association Hospital, Miyazaki, Japan*
- P3-130 Factors affecting the long-term prognosis of patients in the AYA generation with epithelial ovarian cancer: a multicenter propensity score matching analysis**
Emiri Miyamoto, et al., *Department of Obstetrics and Gynecology, Nagoya University, Nagoya, Japan*
- P3-131 Investigation on Sperm Cryopreservation for Fertility Preservation in Our Hospital**
Kei Shiraishi, et al., *Department of Obstetrics and Gynecology, Keio University School of Medicine, Tokyo, Japan*
- P3-132 A case of idiopathic aplastic anemia treated with oocyte freezing while administering platelet transfusion**
Akiko Ikemura, et al., *Department of Obstetrics and Gynecology, University of the Ryukyus, Okinawa, Japan*
- P3-133 Thalassemia major impairs testicular function and spermatogenesis in (pre)pubertal boys undergoing fertility preservation before HSCT**
Guihua Liu, et al., *Reproductive Medicine Research Center, The Sixth Affiliated Hospital of Sun Yat-Sen University, Guangzhou, Guangdong, China*
- P3-134 Results and challenges of long-term sperm cryopreservation in male cancer patients**
Takeshi Yoshikawa, et al., *Kyoto Station Branch, Ichioka Urological Clinic, Kyoto, Japan*

- P3-135 Infertility treatment in severely obese patients with early endometrial carcinoma or atypical endometrial hyperplasia: specific difficulties with assisted reproductive technology and reproductive outcomes at a single tertiary center**
Yuki Goto, et al., *Department of Obstetrics and Gynecology, Chiba University Hospital, Chiba, Japan*
- P3-136 Awareness and Acceptability of Female Fertility Preservation Options among African Women of Reproductive Age in Umuahia, South East, Nigeria.**
Felix Agwu, et al., *OBS & GYN, College of Medicine, Gregory University Umuahia Campus, Umuahia, Abia State, Nigeria*

Global Health

- P3-137 Associations between Neonicotinoid Insecticide Levels in Follicular Fluid and Serum and Reproductive Outcomes Among Women Undergoing Assisted Reproductive Technology: An Observational Study**
Ziyu Liu, et al., *Department of Reproductive Medicine, The Sixth Affiliated Hospital, Sun Yat-sen University, Guangzhou, Guangdong, China*
- P3-138 The Impact of Hydroxychloroquine Use During Pregnancy on Birth Outcomes**
Eing-Mei Tsai, et al., *Department of Obstetrics and Gynecology, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan*
- P3-139 The impact of Global Fertility Background**
Atsuko Kusuhara, et al., *Kusuhara women's clinic, Tokyo, Japan*
- P3-140 Improving access to fertility care: what can we do better?**
Angelina Petrova, et al., *Life Science, Charles River Associates International, London, UK*
- P3-141 The impact of COVID-19 vaccination on menstruation: a literature review.**
Hideyuki Motohashi, *Pre-Clinical Research Center, Tokyo Medical University Hospital, Tokyo, Japan*
- P3-142 A scoping review of the psychosocial aspects of infertility in African countries**
Margaret Mutumba, et al., *Department of Epidemiology and Statistics, Western University, London, Ontario, Canada*

Ovary/POI

- P3-143 Withdrawn**
- P3-144 WES reveals genetic contributions of HRR pathway in OC and POI**
Zijiang Chen, et al., *Hospital for Reproductive Medicine Affiliated to Shandong University, Shanghai, China*

- P3-145 Melatonin Supplementation Attenuates Cuproptosis and Ferroptosis in Aging Cumulus and Granulosa Cells: Potential for Improving IVF Outcomes in Advanced Maternal Age**
Kuan-Hao Tsui, et al., *Department of Obstetrics and Gynecology, Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan*
- P3-146 Analysis of clinical parameters predicting follicle development in patients with premature ovarian insufficiency**
Asami Ikeda, et al., *Department of Obstetrics and Gynecology, Kyoto University Graduate School of Medicine, Kyoto, Japan*
- P3-147 A case of adrenal adenoma that developed hoarseness and amenorrhea**
Sakiko Kinoshita, et al., *Department of Obstetrics and Gynecology, The University of Tokyo, Tokyo, Japan*
- P3-148 PFC-FD ovarian injection for cases of ovarian dysfunction in our clinic**
Naoya Tsuji, et al., *IVF Namba Clinic, Osaka, Japan*
- P3-149 Relationship Between Plasma Proteins and Primary Ovarian Insufficiency based on Mendelian Randomization**
Ming Liao, et al., *Reproductive Medicine Center, The First Affiliated Hospital of Guangxi Medical University, Nanning, Guangxi, China*
- P3-150 Fertility Preservation in 18-Year-Old Female with an Ovarian Granulosa Cell Tumor: A Case Report**
Hasmik Bareghamyan, et al., *Obstetrics and gynecology NI, Yerevan State Medical University, Yerevan, Armenia*

Reproductive Endocrinology/PCOS

- P3-151 Impact of the prenatal and postnatal early-life environment on the Polycystic ovary syndrome -like phenotype and gut microbiota in offspring exposed to prenatal androgen exposure: a cross-fostering study**
Akari Kusamoto, et al., *Obstetrics and Gynecology Department, The University of Tokyo, Tokyo, Japan*
- P3-152 The relationship between galanin-like peptide (GALP) and hypothalamic kisspeptin neurons in female Zucker fatty rats**
Akiko Sakata, et al., *Department of Reproductive Medicine, Perinatology and Gynecologic Oncology, Graduate School of Medicine, Nippon Medical School, Tokyo, Japan*
- P3-153 Association between nonalcoholic fatty liver disease and infertility in reproductive-aged females**
Jun Zhao, et al., *Department of Reproductive Medicine, Shanghai First Maternity and Infant Hospital, Tongji University School of Medicine, Shanghai, China*
- P3-154 is recombinant follicle stimulating hormone (rFSH) enough for low luteinizing hormone (LH) hypothalamic amenorrhea ?**
Hitomi Hayakawa, et al., *Department of Reproductive Medicine, Advanced Fertility Center of Fuchu Nozomi, Osaka, Japan*

- P3-155 A case of macro-LH-emia**
Kaoru Tsukamoto, et al., *Denentoshi Ladies Clinic, Yokohama, Japan*
- P3-156 Luteinization after final oocyte maturation induction is not compromised in women that receive double dose of Gonadotrophin-releasing hormone antagonists during controlled ovarian hyperstimulation**
Tamar Alkon, et al., *REI, Reproductive Medicine Associates International-Mexico, Mexico City, Mexico*
- P3-157 Pathophysiological functional analysis of PCOS focusing on endometrial receptivity.**
Jiali Ruan, et al., *Department of Obstetrics and Gynecology, Nagoya University Graduate School of Medicine, Nagoya, Japan*
- P3-158 Intrafollicular Milieus and Outcome of Oocyte Retrieval**
Aki Oride, et al., *Obstetrics and gynaecology, Shimane University, Izumo, Japan*
- P3-159 Comparison of resumption of ovulation after cessation of estradiol valerate/dienogest with other oral contraceptives in women with polycystic ovary syndrome**
Hoon Kim, et al., *Department of Obstetrics and Gynecology, Seoul National University College of Medicine, Seoul, Korea*
- P3-160 targeted regulation of BMAL1/BMP6 in ovarian granulosa cells and Its correlation with clinical outcomes of assisted reproduction technology in Polycystic Ovary Syndrome patients**
Qihui Liang, et al., *Department of Reproductive and Genetic, Affiliated Hospital of Shandong University of Traditional Chinese Medicine, jinan, China*
- P3-161 Comparison of Different Dosages of Ovulation Trigger on Progesterone level in Intrauterine Insemination (IUI) Cycles in Hospital Sultanah Nur Zahirah (HSNZ).**
Nasuha Yaacob, et al., *Reproductive Services Unit, Hospital Sultanah Nur Zahirah, Terengganu, Malaysia*
- P3-162 Prevention of Ovarian hyperstimulation syndrome severity with Relugolix after oocyte retrieval**
Shinichiro Ikuma, et al., *Department of Obstetrics and Gynecology, Juntendo University Urayasu Hospital, Urayasu, Chiba, Japan*
- P3-163 Can Personalized LH Control Strategies Overcome Repeated IVF Failures in Patients with High Baseline LH Levels?**
Aza Gatagazheva, et al., *ART, Doctor Fomin's clinic, Moscow, Russia*

Reproductive Genetics

- P3-164 A 47, XYY Syndrome Incidentally Found in Chromosome Testing for Recurrent Pregnancy Loss**
Yoko Aoyagi, et al., *Obstetrics and Gynecology, Nakatsu Municipal Hospital, Oita, Japan*

- P3-165 Mitochondrial DNA of embryo can be evaluated from spent culture medium.**
Akifumi Ijuin, et al., *Center for Reproductive Medicine, Yokohama City University Medical Center, Yokohama, Japan*
- P3-166 Transposition of the great arteries in the Czech Republic (1994–2020): Incidence, IVF and sex ratio.**
Antonin Sipek Sr, et al., *Department of Medcial Genetics, Thomayer University Hospital, Prague, Czech Republic*
- P3-167 Whole-Exome Sequencing Analysis for Identification of Infertility Genes in Japanese Population**
Yusuke Sako, et al., *Department of Molecular Genetics, Fujita Health University, Toyoake, Aichi, Japan*

Reproductive Surgery

- P3-168 Successful live birth following laparoscopic uterine scar repair with hysteroscopic assistance for cesarean scar syndrome: A Case Report**
Yuria Kimura, et al., *Department of Obstetrics and Gynecology, Toho University Omori Medical Center, Tokyo, Japan*
- P3-169 Effectiveness of Embryo Cryopreservation Before Surgery (ECBS) on Reproductive Outcomes in IVF Patients with Endometrioma**
Yuma Kawahara, et al., *The department of obstetrics and gynecology, The University of Tokyo, Tokyo, Japan*
- P3-170 The time to pregnancy may depends on the surgical procedure used for endometrial polyps.**
Takeru Fujii, et al., *Department of Reproductive Health, Iryo Hojin Shadan Kamiya Ladies Clinic, Sapporo, Japan*
- P3-171 Six Cases of Pregnancy Achieved through ART after Adenomyosis Resection**
Mari Ando, et al., *OB and GYN, Shinyurigaoka General Hospital, Kawasaki, Japan*
- P3-172 Distal Vaginal Atresia: An Atypical Cause of Outflow Tract Obstruction**
Marc Vision Capunong, et al., *Obstetrics and Gynecology, Adventist Medical Center - Bacolod, Bacolod City, Philippines*

Safety and Quality Management

- P3-173 construction of nursing quality indicators system of ART based on Delphi method**
Yurui Xu, et al., *Department of Reproductive Medicine, Nursing Department, Renji Hospital, School of Medicine, Shanghai Jiao Tong University, Shanghai, China*

- P3-174 The objective of AMH measurement for both infertile patients and non-infertile patients**
 Mana Hirano, et al., *Department of obstetrics & gynecology, Teikyo University Hospital, Tokyo, Japan*
- P3-175 Strategies for Minimizing Multiple Pregnancies: Insights from an Audit on Double Embryo Transfer at Ninewells Assisted Conception Unit**
 Hashem Yaseen, et al., *Assisted Conception Unit, Ninewells Hospital, Dundee, UK*
- P3-176 Reevaluation of Success Assessment Tools in IVF: An Analysis and Suggestions for Improving Assisted Reproductive Technology in Taiwan**
 Zoe Kuo-Ing Lai, et al., *Sociology, National Taiwan University, Taipei City, Taiwan*

Uterine Diseases and Endometriosis

- P3-177 How to treat both dysmenorrhea and infertility with endometriosis without surgery: a case report of a live birth**
 Yuri Kusabiraki, et al., *Department of Obstetrics and Gynecology, Toyama Prefectural Central Hospital, Toyama, Japan*
- P3-178 Effect of a GnRH Antagonist on Uterine Adenomyosis -Comparative Study with Dienogest, synthetic progestin-**
 Kohzo Aisaka, et al., *Department of Obstetrics & Gynecology, Hamada Hospital, Tokyo, Tokyo, Japan*
- P3-179 MiRNA Profiling in Peritoneal fluid -Derived Small Extracellular Vesicles from Patients with Endometriosis and Endometriosis-Associated Ovarian Cancer**
 Chiayi Hsu, et al., *Graduate Institute of Medicine,, Kaohsiung Medical University,, Kaohsiung, Taiwan*
- P3-180 Minimally invasive transvaginal ethanol sclerotherapy for an endometrioma**
 Yumi Nagata, et al., *Center for Reproductive Medicine, IVF Nagata Clinic, Fukuoka, Japan*
- P3-181 Does surgery for endometriosis contribute to fertility outcome? -Retrospective cohort study with 123 endometriosis patients-**
 Shimpei Shitanaka, et al., *Kyoto Univesity Hospital, Kyoto, Japan*
- P3-182 Two cases of acute hyperglycemia along with initiation of relugolix therapy prior to myomectomy.**
 Chic Sato, et al., *Department of Obstetrics and Gynecology, Iwate Medical University, Morioka, Iwate, Japan*
- P3-183 Successful Conservative Management of Thoracic Endometriosis with Catamenial Hemoptysis Leading to Two Spontaneous Deliveries: A Case Report**
 Akiko Tokimitsu, et al., *Department of Obstetrics and Gynecology, Shinshu University, Matsumoto, Japan*

- P3-184 Iron deposition in ovarian endometrioma evaluated by magnetic resonance imaging R2* non-invasively**
Xiaoyu Dong, *Obstetrics and Gynecology, Shandong Provincial Hospital, Jinan, Shandong, China*
- P3-185 Serum Proteomic and Metabolomic Profiling Uncovers Biomarkers for Ovarian Endometriosis Diagnosis**
Na Chen, et al., *Department of Gynecology, Shenzhen Maternity & Child Healthcare Hospital, Shenzhen, Guangzhou, China*
- P3-186 A study on the efficacy and safety of long-term adjusted low-dose gonadotropin-releasing hormone agonist therapy for uterine fibroids and adenomyosis**
Soichiro Kashiwabara, et al., *Center for Maternal-Fetal and Neonatal Medicine, Saitama Medical Center, Saitama Medical University, Kawagoe, Japan*
- P3-187 Research on TREM2 + Macrophages in the Progression of Endometriosis**
Zhaoyang Zhong, *Department of Obstetrics and Gynecology, Shandong Provincial Hospital, Shandong University, Jinan, Shandong, China, Jinan, China*
- P3-188 Combination of probiotic and melatonin for management of endometriosis - related pain: case series of five patients**
Putri Wayan Indriani Eka, *Departement Obstetric and Gynecology, Karangasem Public Hospital, Denpasar Timur, Bali, Indonesia*
- P3-189 Identification of Endometriosis-Related Genes Based on the Bayesian Analysis**
Jieun Kang, et al., *Department of Obstetrics and Gynecology, Yonsei University Wonju College of Medicine, Kangwon-do, Wonju-si, Korea*
- P3-190 The Role of ROS-CHK1-SGK1 Axis In the Development of Endometriosis**
Xu Hong, *International Peace Maternity and Child Health Hospital, School of Medicine, Shanghai Jiao Tong University, Shanghai, China*

Others

- P3-191 A study of the timing of menstruation resumption after discontinuation of GnRH agonist treatment in premenopausal breast cancer patients**
Kahori Takei, et al., *Department of Obstetrics and Gynecology (Center for Maternal, Fetal and Neonatal Medicine), Saitama Medical Center, Saitama Medical University, Kawagoe, Japan*
- P3-192 A review of diagnostic and treatment guidelines for 30 cases diagnosed with retained products of conception**
Shunsuke Iwahata, et al., *Department of Obstetrics and Gynecology, Kitasato University School of Medicine, Sagamihara, Japan*
- P3-193 Effects of earthquake disasters on preferences for assisted reproductive medicine.**
Rumi Sasaki, et al., *Department of Obstetrics and Gynecology, Faculty of Life Sciences, Kumamoto University, Kumamoto, Japan*

- P3-194 Choices and Challenges After Fertility Preservation in Breast Cancer Patients Who Consulted Our Cancer and Reproductive Medicine Clinic**
Yuka Ito, et al., *Center for Perinatal and Reproductive Medicine, Gifu University Hospital, Gifu, Japan*
- P3-195 A study of blood loss during vaginal delivery and time required for stage III of delivery in assisted reproductive technology (ART) pregnancies at our hospital**
Shota Miyashita, et al., *Department of Obstetrics and Gynecology, Nagano Red Cross Hospital, Nagano, Japan*
- P3-196 Assisted reproductive technology (ART) pregnancies needs care as high-risk at delivery**
Naoya Shigeta, et al., *Obstetrics and gynecology, Japan Community Health care Organization(JCHO) Osaka Hospital, Osaka, Japan*
- P3-197 Malignant tumors occurring during pregnancy and the prognosis of pregnant women**
Kensei Sato, et al., *Department of Obstetrics and Gynecology, Miyazaki University, Miyazaki, Japan*
- P3-198 The effects of 2,3,4,7,8-pentachlorinated dibenzofuran (PeCDF) on ovarian reserve in the second generation of Yusho patients**
Norio Hamada, et al., *Department of Obstetrics and Gynecology, Kyushu University Hospital, Fukuoka, Japan*
- P3-199 To compare the postoperative analgesic effect of intrathecal Levobupivacaine with morphine versus hyperbaric Bupivacaine with morphine after Lower Segment Cesarean Section**
Sandeep Sahu, et al., *Department of Anaesthesiology and Intensive Care, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, Uttar Pradesh, India*
- P3-200 Induction of syncytiotrophoblast in early pregnancy generated from human embryonic stem cells under various concentrations of oxygen and glucose.**
Hazuki Sato, et al., *Center for Maternal, Fetal and Neonatal Medicine, Saitama Medical Center, Saitama Medical University, Kawagoe, Japan*
- P3-201 Comprehensive health assessment of school-age children conceived by assisted reproductive technology: a prospective cohort follow-up study**
Jing Wang, et al., *State Key Laboratory of Reproductive Medicine and Offspring Health, Clinical Center of Reproductive Medicine, The First Affiliated Hospital of Nanjing Medical University, Nanjing, Jiangsu, China*
- P3-202 Developing a Temporal Deep Learning Model for Surgical Phase Recognition in Total Laparoscopic Hysterectomy**
Shunsuke Nishimori, et al., *Medical Dataway AG, Zug, Switzerland*
- P3-203 Progesterone and Antioxidants (Vitamin C and Vitamin E) Supplementation Did Not Reverse Crude Oil Contaminated Water Induced Toxic Effects During Pregnancy in Female Wistar Rats**
Louis Chukwuemeka Ajonuma, et al., *Department of Physiology, Lagos State University College of Medicine, Ikeja, Lagos, Nigeria*

JSRM70 Program

JSRM 70th Anniversary Mini Symposium

Apr. 27 (Sun.) 11:20~12:20 Hall B7-1

Japan Society for Reproductive Medicine: 70 Years of Progress and a Leap into the Future

Chair(s): Yukiko Katagiri (Department of Obstetrics and Gynecology, Faculty of Medicine Toho University), Masanori Ono (Department of Obstetrics and Gynecology, Tokyo Medical University)

Speaker(s): Norihiro Sugino, *Department of Obstetrics and Gynecology, Yamaguchi University Graduate School of Medicine*
Akira Iwase, *Department of Obstetrics and Gynecology, Gunma University*
Shuntaro Ikeda, *Graduate School of Agriculture, Kyoto University*
Teppei Takeshima, *Center for Reproductive Medicine, Yokohama City University Medical Center*
Yumi Nagata, *Center for Reproductive Medicine, IVF Nagata Clinic*
Kii Kondo, *Hiroshima HART Clinic*
Yoshie Arikawa, *Institute of Science Tokyo Hospital*

Symposium 1

Apr. 27 (Sun.) 9:00~10:00 Hall B7-1

Tips for Frozen-Thawed Embryo Transfer to Enhance Pregnancy Rates

Chair(s): Atsushi Tanaka (Saint Mother Hospital), Rikikazu Sugiyama (Sugiyama Clinic)

JSRM-SY1-1 Pursuing the optimal luteal phase support in frozen- thawed embryo transfer

Toshihiro Fujiwara, *PHOENIX ART CLINIC*

JSRM-SY1-2 Optimization of Frozen-Thawed Embryo Transfer Protocols at Our Clinic

Fumiko Tawara, *Tawara IVF Clinic*

Symposium 2

Apr. 27 (Sun.) 10:10~11:10 Hall B7-1

Male Infertility Forum: Improving Infertility by Urological Involvement

Chair(s): Yukihiro Umemoto (Nagoya City University West Medical Center), Koji Chiba (Division of Urology, Department of Surgery Related, Kobe University Graduate School of Medicine)

- JSRM-SY2-1 What kind of infertility can be improved by the involvement of urology?**
Hisanori Taniguchi, *Department of Urology and Andrology, Kansai Medical University*
- JSRM-SY2-2 Case discussion: cases where urological surgery for male partner was beneficial for overall infertility treatment, and cases where urological surgery should be considered**
Shinnosuke Kuroda, *Department of Urology, Center for Reproductive Medicine, Yokohama City University Medical Center*
- JSRM-SY2-3 The impact of drugs on male fertility.**
Ippei Hiramatsu, *Department of Urology, Juntendo University, Graduate School of Medicine*
- JSRM-SY2-4 Male infertility cases managed in collaboration with gynecologists and urologists**
Chihiro Banno, *Department of Obstetrics and Gynecology, Nagoya City University, Graduate School of Medical Sciences*

Symposium 3

Apr. 27 (Sun.) 13:40~14:30 Hall B7-1

Reproductive Medicine: Bridging Basic and Clinical Practices

Chair(s): Hiroaki Shibahara (Hanabusa Women's Clinic), Naomi Kashiwazaki (Azabu University, School of Veterinary Medicine)

- JSRM-SY3-1 Search for experimental models that are useful for clinical practice and basic research using the models**
Masayuki Shimada, *Laboratory of Reproductive Biology, Graduate School of Integrated Sciences for Life, Hiroshima University*
- JSRM-SY3-2 ART for dogs**
Hiroshi Suzuki, *Obihiro University of Agriculture and Veterinary Medicine, Obihiro, Japan*

Symposium 4

Apr. 27 (Sun.) 14:35~15:25 Hall B7-1

My Strategies for Obtaining High-Quality Embryos

Chair(s): Yasuyuki Mio (Mio Fertility Clinic), Yumi Nagata (IVF Nagata Clinic)

JSRM-SY4-1 Trial of hydrogen administration for obtaining good embryos

Yoshimitsu Tokunaga, *Sora no Mori Clinic*

JSRM-SY4-2 Methods to Obtain Good Quality Embryos

Hirotsune Kaijima, *Minatomirai yume clinic*

Symposium 5

Apr. 27 (Sun.) 15:30~16:20 Hall B7-1

Genome Editing and Reproductive Medicine

Chair(s): Yoshiharu Morimoto (Sankeikai Medical Association/IVF JAPAN Group),
Kazuhiro Takeuchi (Takeuchi Ladies Clinic)

JSRM-SY5-1 Current Status and Future Prospects of Genome Editing Technologies in Reproductive Medicine: A Clinical Perspective

Tsuyoshi Takiuchi, *Department of Clinical Genomics, Graduate School of Medicine, The University of Osaka*

JSRM-SY5-2 Application of Genome Editing to Spermatogenesis Research and Development of Novel Assisted Reproductive Medicine

Masahito Ikawa, *Research Institute for Microbial Diseases, Osaka University*

Symposium 6

Apr. 27 (Sun.) 16:25~17:15 Hall B7-1

The Japanese Society of Reproductive Medicine SIG "Oocytes and Embryogenesis": Cutting Edge in Implantation

Chair(s): Mitsutoshi Yamada (Department of Obstetrics & Gynecology, Keio University School of Medicine), Masayuki Shimada (Laboratory of Reproductive Biology Research, Graduate School of Integrated Sciences for Life, Hiroshima University)

JSRM-SY6-1 Generation of a human blastocyst model (blastoid) using pluripotent stem cells

Ayaka Yanagida, *Department of Veterinary Anatomy, The University of Tokyo, Stem Cell Therapy Division, Institute of Science Tokyo*

JSRM-SY6-2 Ethical, Legal, and Social Issues in Human Embryo Model Research Using Stem Cells (ELSI)

Ayako Kamisato, *National Center for Child Health and Development*

Symposium 7

Apr. 27 (Sun.) 17:20~18:30 Hall B7-1

Efforts to Cases Where High-Quality Embryos Cannot Be Obtained

Chair(s): Takafumi Utsunomiya (St. Luke Clinic), Hiroaki Yoshida (Sendai ART Clinic)

-
- JSRM-SY7-1 Ingenuity attempts for good embryo creation in our clinic**
Hiroaki Yoshida, *Sendai ART Clinic*
- JSRM-SY7-2 Efforts to treat difficult cases of patients with embryos with severe fragmentation at the early-cleavage stage**
Keitaro Yumoto, *Mio Fertility Clinic*
- JSRM-SY7-3 Clinical options when a good blastocyst cannot be obtained**
Koji Nakagawa, *Division of Reproductive Medicine, Sugiyama Clinic Shinjuku*

Symposium 8

Apr. 28 (Mon.) 10:35~11:25 Hall B7-1

The Future of Male Sterilisation

Chair(s): Akira Tsujimura (Department of Urology, Juntendo University Urayasu Hospital), Koji Chiba (Department of Urology, Kobe University Hospital)

-
- JSRM-SY8-1 Future Perspectives of Microdissection Testicular Sperm Extraction (micro-TESE) for Nonobstructive Azoospermia (NOA)**
Shoichiro Iwatsuki, *Department of Nephro-urology, Nagoya City University Graduate School of Medical Sciences*
- JSRM-SY8-2 The future of male infertility surgery - varicocele and spermatic duct obstruction**
Koichi Nagao, *Department of Urology, Toho University School of Medicine, Tokyo, Japan, Ginza Reproductive Surgery Clinic*

Symposium 9

Apr. 28 (Mon.) 11:30~12:20 Hall B7-1

When a High-Quality Embryo Fails to Implant: What to Do in Cases of Recurrent Implantation Failure?

Chair(s): Takeshi Kuramoto (Kuramoto Women's Clinic), Kenichi Tatsumi (Umegaoka Women's Clinic)

-
- JSRM-SY9-1 How we address repeated IVF failures at our Clinic**
Yoshimasa Asada, *Asada Ladies Clinic, Aichi, Japan, Asada Institute for Reproductive Medicine*
- JSRM-SY9-2 If a good embryo fails to implant - What to do when facing recurrent implantation failure?**
Koichi Kyono, *Kyono ART Clinic Morioka, Kyono ART Clinic Sendai, Kyono ART Clinic Takanawa, Kyono ART Clinic Shinagawa, Human Ovarian-tissue Preservation Enterprise*

Symposium 10

Apr. 28 (Mon.) 13:40~14:30 Hall B7-1

PGT-M, PGT-A, PGT-SR

Chair(s): Hideaki Sawai (Hyogo Medical University Hospital), Aisaku Fukuda (IVF Osaka Clinic)

JSRM-SY10-1 The current clinical application and future potential of PGT-M

Yoshiharu Nakaoka, *IVF Namba Clinic*

JSRM-SY10-2 Present status and issues of PGT-A in Japan

Takeshi Iwasa, *Department of Obstetrics and Gynecology, Tokushima University Graduate School of Biomedical Sciences*

Symposium 11

Apr. 28 (Mon.) 14:35~15:25 Hall B7-1

The Japanese Society of Reproductive Medicine SIG "Male Infertility": Training Reproductive Medicine Specialists for the Next Generation of Male Infertility Treatments

Chair(s): Satoshi Ando (Department of Urology, Jichi Medical University School of Medicine), Teppei Takeshima (Yokohama City University Hospital)

JSRM-SY11-1 Requirements for obtaining a Board-certified specialist by Japan Society for Reproductive Medicine

Satoshi Ando, *Department of Urology, Jichi Medical University*

JSRM-SY11-2 Short Term Male Infertility Training Programs

Hisanori Taniguchi, *Department of Urology and Andrology, Kansai Medical University*

JSRM-SY11-3 Expanding the circle of reproductive medicine doctors (urologists) for infertility patients~Infertility treatment training at the Dokkyo Medical University Saitama Medical Center International Reproduction Center~

Toshiyuki Iwahata, *International Reproductive Center, Dokkyo Medical University Saitama Medical Center, Saitama, Japan, Department of Urology, Dokkyo Medical University Saitama Medical Center*

JSRM-SY11-4 A urologist who acquired a subspecialty in reproductive medicine under the tutelage of an obstetrician-gynecologist

Masato Fukushima, *University of Fukui*

Symposium 12

Apr. 28 (Mon.) 15:30~16:20 Hall B7-1

The Japanese Society of Reproductive Medicine SIG "Endometriosis, Adenomyosis, and Uterine Fibroids"

Chair(s): Iwaho Kikuchi (Medical Park Minatomirai), Masanori ONO (Department of Obstetrics and Gynecology, Tokyo Medical University)

- JSRM-SY12-1 Infertility associated with endometrial abnormalities: pathophysiology and management: Overview**
Kaori Koga, *Department of Obstetrics and Gynecology, Reproductive Medicine Graduate School of Medicine Chiba University*
- JSRM-SY12-2 Factors Influencing Treatment Outcomes of Fertility-Preserving Therapy for Endometrial Cancer**
Hiroshi Ishikawa, *Dept. of Obstetrics and Gynecology, Reproductive Medicine, Graduate School of Medicine, Chiba University, Department of Obstetrics and Gynecology, Chiba University Hospital*
- JSRM-SY12-3 Outcome of ART treatment of infertility complicated by uterine adenomyosis**
Shun Akaeda, *The Department of Obstetrics and Gynecology, The University of Tokyo*
- JSRM-SY12-4 Prediction of Critical Hemorrhage in Retained Products of Conception (RPOC): Insights from a Multicenter Study**
Tomoko Nakamura, *Department of Obstetrics and Gynecology, University of Nagoya*

Symposium 13

Apr. 28 (Mon.) 16:25~17:15 Hall B7-1

The Japanese Society of Reproductive Medicine SIG "Reproductive Engineering and Regenerative Medicine": Pre- and post-implantation human embryogenesis - From Classical Methods to Embryoids

Chair(s): Osamu Yoshino (Department of Obstetrics and Gynecology, University of Yamanashi)

- JSRM-SY13-1 In vitro evaluation of post-implantation human embryo following novel embryo therapy**
Tomonari Hayama, *Center for Reproductive Medicine, Yokohama City University Medical Center, Department of Gynecology, Yokohama City University Medical Center*
- JSRM-SY13-2 Naïve human PSCs model pre- to post-implantation development**
Yasuhiro Takashima, *Kyoto University CiRA*

JSRM Luncheon Seminar 1

April 27 (Sun.) 12:30-13:30 Hall B7-1

Reconsidering FT Catheter Treatment in the Context of Insurance Coverage for IVF

Chair(s): Masahide Shiotani (Medical corporation Hanabusa Women's Clinic, Kobe, Japan)

JSRM-LS1-1 Easy and safe techniques on falloposcopic tuboplasty (FT) based on the structure of an FT catheter

Hidehiko Matsubayashi, *Reproduction Clinic, Tokyo/ Osaka, Japan*

JSRM-LS1-2 Tips for successful falloposcopic tuboplasty for women with tubal infertility

Atsushi Fukui, *SORA no MORI CLINIC, Okinawa, Japan*

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JSRM Luncheon Seminar 2

April 28 (Mon.) 12:30-13:30 Hall B7-1

The current state of declining fertility in Japan and male infertility treatment

Chair(s): Tomohiko Ichikawa (Funabashi Central Hospital, Japan Community Health Care Organization (JCHO), Chiba, Japan)

JSRM-LS2 The current state of declining fertility in Japan and male infertility treatment

Akira Tsujimura, *Department of Urology, Juntendo University Urayasu Hospital, Chiba, Japan*

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JSRM Morning Seminar 1

April 27 (Sun.) 8:00-8:45 Hall B7-1

A prospective randomized study evaluating timelapse culture system versus conventional system for preimplantation embryo development with sibling oocytes

Chair(s): Keiji Kuroda (Sugiyama Clinic Marunouchi, Tokyo, Japan)

JSRM-MS1 A prospective randomized study evaluating timelapse culture system versus conventional system for preimplantation embryo development with sibling oocytes

Atsushi Tanaka, *Saint Mother Clinic, Fukuoka, Japan*

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JSRM Morning Seminar 2

April 28 (Mon.) 8:00-8:45 Hall D5

rFSH in Individualized Controlled Ovarian Stimulation

Chair(s): Masayuki Kinutani (Kinutani Women's Clinic, Hiroshima, Japan)

JSRM-MS2-1 The macro and micro heterogeneity of rFSH and its biological characteristics

Miyuki Harada, *Department of Obstetrics and Gynecology, The University of Tokyo, Tokyo, Japan*

JSRM-MS2-2 How many retrieved eggs are ideal? Exploring the optimal ovarian stimulation

Keiji Kuroda, *Sugiyama Clinic Marunouchi, Tokyo, Japan*

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JSRM Morning Seminar 3

April 28 (Mon.) 8:00-8:45 Hall B7-1

Preconception Care Clinics as a Game-Changer in Fertility Strategies for a Declining Birth Rate Era

Chair(s): Naoko Arata (Division of Women's Internal Medicine, Women's Health Center, National Center for Child Health and Development, Tokyo, Japan)

JSRM-MS3 Preconception Care Clinics as a Game-Changer in Fertility Strategies for a Declining Birth Rate Era

Takuhiko Ichiyama, *torch clinic, Tokyo, Japan*

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JSRM Sponsored Symposium 1

April 27 (Sun.) 17:00-18:30 G502

GnRH antagonist & Uterine Fibroids

Chair(s): Yasushi Hirota (Department of Obstetrics and Gynecology, The University of Tokyo, Tokyo, Japan)

JSRM-SPS1-1 An overview and new insight into the clinical use of GnRH

Takeshi Iwasa, *Department of Obstetrics and Gynecology Tokushima University School of Medicine, Tokushima, Japan*

JSRM-SPS1-2 GnRH Antagonists Paving the Way for Innovation in Uterine Fibroid Treatment

Osamu Yoshino, *Department of Obstetrics and Gynecology, University of Yamanashi, Yamanashi, Japan*

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JSRM Sponsored Symposium 2

April 28 (Mon.) 9:00-10:30

G409

Management of Endometriosis

Chair(s): Yasunori Yoshimura (Keio University, Tokyo, Japan)

JSRM-SPS2-1 Therapeutic Strategies for Endometriosis Based on Its Pathophysiology: Highlighting Estrogen Dependency and Progesterone Resistance

Taisuke Mori, *Department of Obstetrics and Gynecology, Kyoto Prefectural University of Medicine, Kyoto, Japan*

JSRM-SPS2-2 Deep endometriosis surgery for dyspareunia - Restoration of posterior vaginal fornix mobility -

Satoshi Tanimura, *Toyama Prefectural Central Hospital Maternal and Child Medical Center/Obstetrics and Gynecology, Toyama, Japan*

JSRM-SPS2-3 Endometriosis, Adenomyosis and ART / The Efficacy of Luteum Vaginal Suppositories in ART

Atsushi Tanaka, *Saint Mother Clinic, Department of Obstetrics and Gynecology, Kitakyushu, Japan*

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JSRM Sponsored Symposium 3

April 28 (Mon.) 9:00-10:30

Hall B7-1

The Latest Insights on Maternal and Child Health Across Fields -The Potential of Folic Acid and Iron as Revealed by Nutritional Research-

Chair(s): Keiji Kuroda (Sugiyama Clinic Marunouchi, Tokyo, Japan),
Shuichi Ito (Department of Pediatrics, Graduate School of Medicine,
Yokohama City University, Kanagawa, Japan)

JSRM-SPS3-1 The Importance of Folic Acid Intake in Neural Tube Deficits

Kazuaki Shimoji, *Department of Neurosurgery, International University of Health and Welfare, Narita Hospital, Chiba, Japan*

JSRM-SPS3-2 Study on the Mechanism by which Folate Prevents the Onset of Cleft Palate

Takashi Yamashiro, *Department of Orthodontics and Dentofacial Orthopedics, Graduate School of Dentistry, Osaka University, Osaka, Japan*

JSRM-SPS3-3 The Necessity of Multivitamin Supplements in Reproductive Medicine

Keiji Kuroda, *Sugiyama Clinic Marunouchi, Tokyo, Japan*

JSRM-SPS3-4 Nutrition during Perinatal Period

Shintaro Makino, *Department of Obstetrics and Gynecology, Juntendo University Urayasu Hospital, Chiba, Japan*

JSRM-SPS3-5 Study on Maternal Serum Folic Acid Levels and Onset of Kawasaki Disease in Offspring During Infancy -From the Japan Environment and Children's Study-

Shuichi Ito, *Department of Pediatrics, Graduate School of Medicine, Yokohama City University, Kanagawa, Japan*

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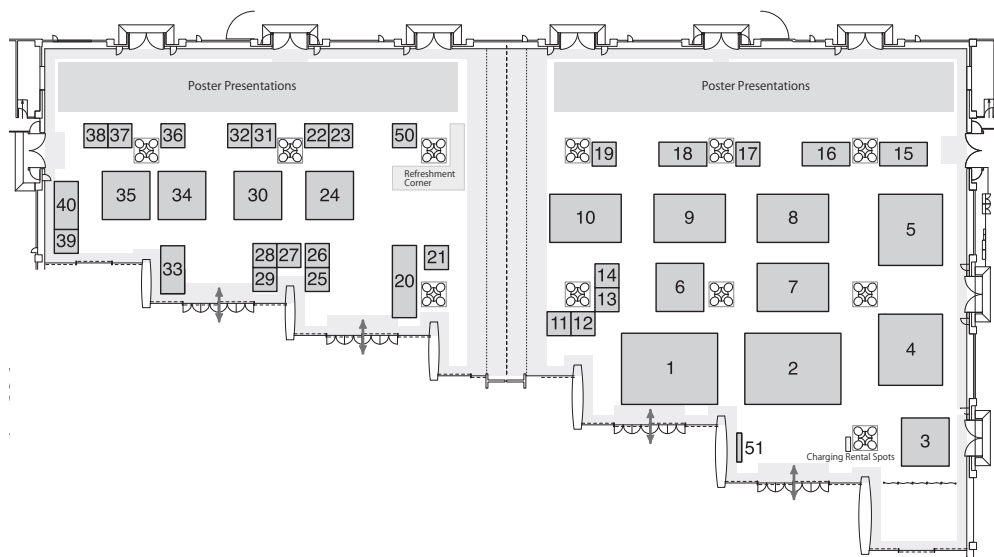
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April 27 (Sun.) 9:00 -18:30
April 28 (Mon.) 9:00 -18:00
April 29 (Tue.) 9:00 -16:00

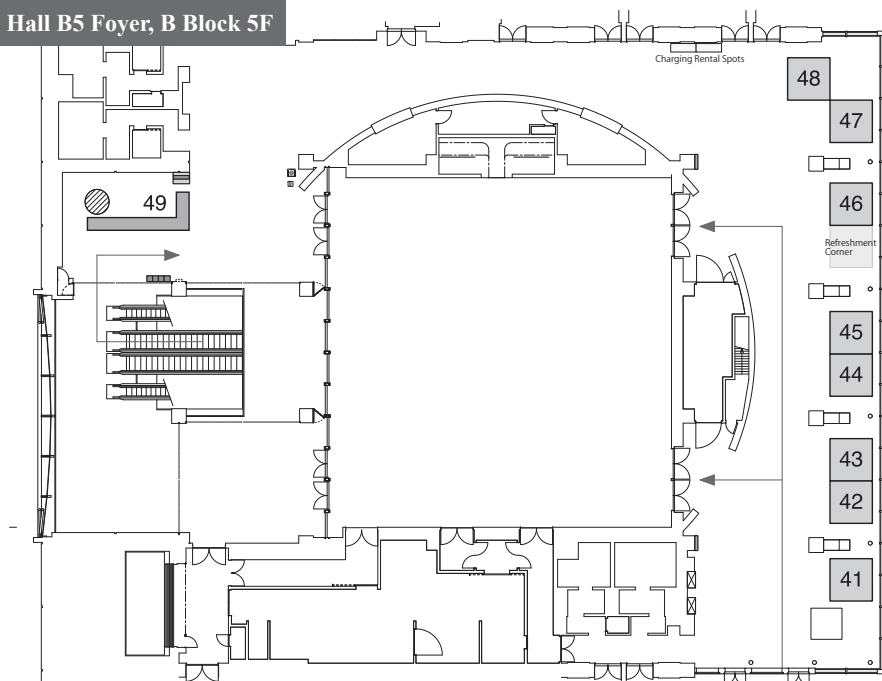
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Hall E, B2F



Hall B5 Foyer, B Block 5F



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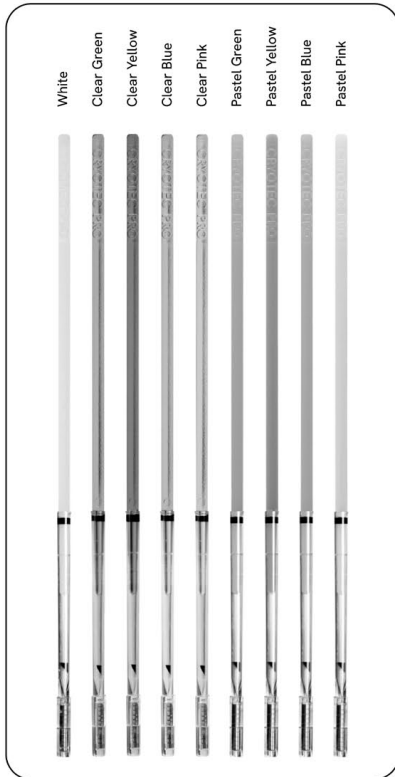
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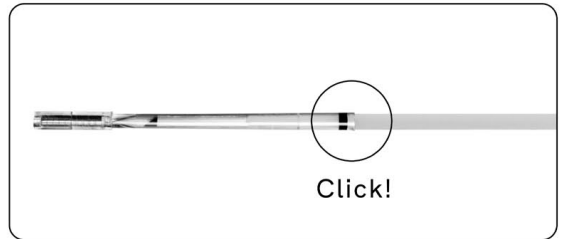
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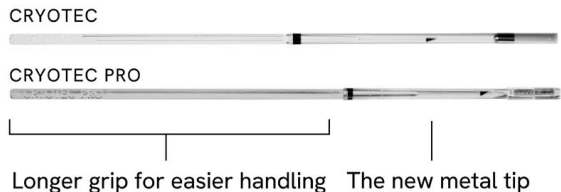
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Version code: **E_702** This flyer was updated
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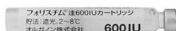
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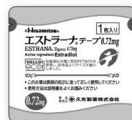
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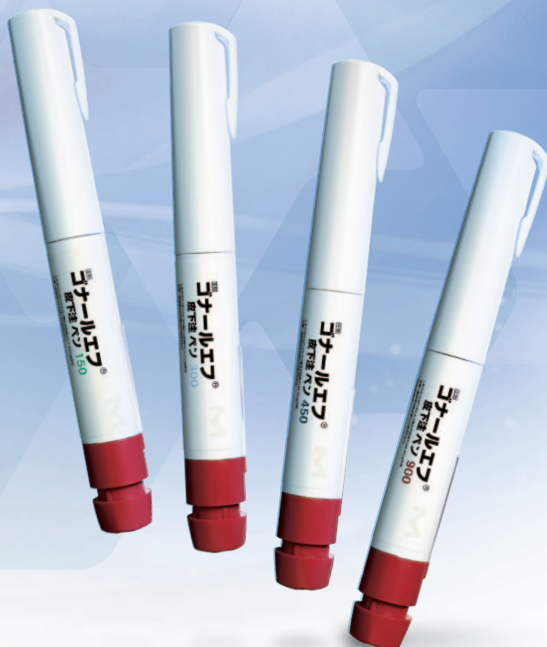
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JP-AS30-220201 V2.0
SPF07GP (2024年1月作成)

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* Contains 11.115 µg of Follitropin alfa (genetical recombination)

Refer to the electronic appendix for information on efficacy and effectiveness, dosage and administration, and precautions including warnings and contraindications.

Bio-derived product Prescription drug ^(note)

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Generic name: Follitropin alfa (genetical recombination)

^(note) To be used in accordance with the prescription of a physician or other health care provider.

Manufacturer/seller:

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Created March 2025

JP-GON-01101

