

The 5th World Congress of the International Society for Fertility Preservation (ISFP)

November 16-18, 2017 | Vienna, Austria

PROGRAM BOOK





CME Congresses Ltd.

- isfp@cme-congresses.com
- isfp2017.cme-congresses.com

TIMETABLE

| Т | Н | UR | SDA | ۱Y, | NC | VE | MBER | 16, | 2017 | |
|---|---|----|-----|-----|----|----|------|-----|------|---|
| | | | | | | | | | | Т |

09:00-12:00

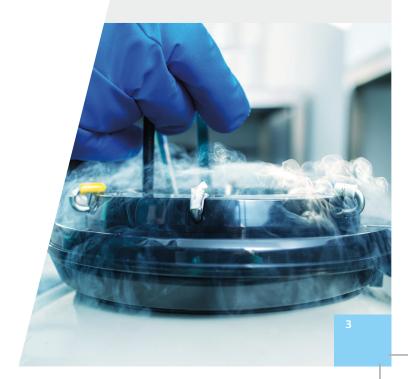
| 03.00 12.00 | | | | | |
|-------------------------------------|--|--|--|--|--|
| Workshop A | Workshop B | Workshop C | | | |
| Cryopreservation of ovarian tissue: | Meet the Expert: Discussion on | Fertility-sparing endoscopic surgery: Endometriosis, ovarian | | | |
| Hands-on lab and clinics | FP clinical cases submitted by workshop participants | surgery, fibroids, adenomyosis, gyneco-oncology | | | |

Pre-registration to workshops is required

| 15:30-15:45 Welcome Introduction | |
|---|--|
| 15:45–17:00 Session 1: Fertility Preservation: Why? | |
| 17:00-17:30 | Coffee Break & Visit the Exhibition |
| 17:30-18:45 | Session 2: Stem Cells and In Vitro Gamete Growth |
| 18:45 | Welcome Reception |

| FRIDAY, NOVEMBER 17, 2017 | | | | |
|---------------------------|--|---|--|--|
| 08:30-08:30 | Welcome Coffee & Poster Viewing | | | |
| 08:30-10:30 | Session 3: Breast Cancer Sympos | sium | | |
| 10:30-11:00 | Coffee Break, Visit the Exhibition | & Poster Viewing | | |
| 11:00-11:20 | Industry Symposium | | | |
| 11:20-11:30 | Short Break | | | |
| 11:30-13:10 | Session 4B: Oocyte and Embryo Freezing | Session 4A: Fertility Preservation in Benign Gynecological Conditions: Endometriosis and Fibroids | | |
| 13:10-13:45 | Lunch Break, Visit the Exhibition & Poster Viewing | | | |
| 13:45–15:05 | Session 5A: Fertility Preservation in Males | Session 5B: Fertility Preservation in Gyneco- oncology: Malignant Conditions | | |
| 15:05-15:35 | Coffee Break, Visit the Exhibition & Poster Viewing | | | |
| 15:35—17:25 | Session 6A: Free Communication I (Basic Science) | Session 6B: Organizing the Services of Fertility Preservation | | |
| 17:25-17:40 | Short Break | | | |
| 17:40-19:40 | Session 7: Reimplantation of Ovarian Tissue | | | |

| SATURDA | SATURDAY, NOVEMBER 18, 2017 | | |
|---|--|--|--|
| 08:30-09:00 Welcome Coffee & Poster Viewing | | | |
| 09:00-11:00 | Session 8: The Effects of Chemotherapy on the Ovary: Mechanism and Protection | | |
| 11:00-11:30 | Coffee Break, Poster Viewing & Visit the Exhibition | | |
| 11:30-13:30 | Session 9: Free Communication II (Clinical) | | |
| 13:30-14:00 | Lunch Break, Poster Viewing & Visit the Exhibition | | |
| 14:00-15:50 | Session 10: Storing Ovarian Tissue | | |
| 15:50-16:10 | Announcement of Award Winners and Closing Remarks | | |



WELCOME NOTE

Dear ISFP Members and Friends,

It is our honor and pleasure to welcome you, society members and participants from 56 countries, to the 5th World Congress of the International Society for Fertility Preservation (ISFP) in Vienna!

In line with the ISFP mission to spread education and to facilitate fertility preservation awareness, the ISFP Congress provides a forum for presentation of and discussion on the latest clinical and scientific developments in the field of fertility preservation. The society wishes to thank the *62 leading international experts* who kindly agreed to share their cutting-edge basic science and clinical research to enrich knowledge in the field.

Our **pre-congress workshops** focus on clinical education, ovarian tissue cryopreservation and transplantation techniques, including hands-on fertility-sparing endoscopic surgery. **More than 130 abstracts** were submitted, and accepted abstracts will be presented in the basic science or clinical Free Communication Sessions and Poster Presentations.

The congress also provides a stage for a large number of **young physicians and scientists**, and we encourage young physicians and students to use this forum for direct communication and discussion with the many leading experts attending the congress.

The society wishes to extend its deepest gratitude to and acknowledges the support of the **local organizing committee** in creating this excellent congress in Vienna.

We hope you will enjoy the congress, enrich your knowledge in the field, participate in fruitful discussions with colleagues, meet old friends, and make new ones.

We also encourage congress participants who are not yet members to visit our new website and join the society!

Welcome to the ISFP Congress in Vienna!



Professor Dror Meirow President, ISFP Congress Chairperson



Professor Hamish Wallace ISFP Executive Committee Congress Co-Chairperson



Professor Marie-Madeleine Dolmans ISFP Executive Committee Congress Co-Chairperson

WELCOME FROM THE LOCAL ORGANIZING COMMITTEE

Dear Friends and Colleagues,

It is a pleasure to welcome you to Vienna!

Along with enjoying the terrific, stimulating scientific program, we hope you will take the time to explore the enchanting city of Vienna, with its unique combination of imperial traditions and stunning modern architecture.

Vienna, famous for its cultural events, majestic sights, coffee houses, cozy wine taverns, and characteristic Viennese charm, is considered a paradise for music lovers, as the home to many internationally renowned composers who choose to live here.

A tour of this capital city, its historical and cultural legacy, is a most memorable experience.

We hope you enjoy your stay in this exciting and vibrant city!

Sincerely,



Univ. Prof. Christian Egarter



Prof. Dr. med. Bettina Toth



Univ. Prof. Kazem Nouri



Prof. Michael von Wolff

FACULTY

Christiani Amorim, *Belgium* Richard Anderson, *UK* Pedro Barri, *Spain*

Matthias Beckmann, Germany

Zeev Blumenfeld, Israel

Mats Brännström, Sweden

Isabelle Demeestere, Belgium

Cesar Diaz, Spain

Ralf Dittrich, Germany

Marie-Madeleine Dolmans, Belgium

Jacques Donnez, Belgium

Jehoshua Dor, Israel

Boaz Dotan, Israel

Christian Egarter, Austria

Tommaso Falcone, USA

Ariane Germeyer, Germany

Debra Gook, Australia

Stephan Gordts, Belgium

Clarisa Gracia, USA

Christoph Grimm, Austria

Michael Grynberg, France

Otti Hovata, Sweden

Karla Hutt. Australia

Kirsi Jahnukainen, Finland

Bella Kaufman, Israel

S. Samuel Kim, *USA*

Heinz Kölbl, Austria

Kölbl Masashige Kuwayama, Japan

Uwe Lang, Austria

Paolo Emanuele Levi Setti, Italy

Jana Liebenthron, Germany

Nalini Mahaian, India

Iulian Marschalek, Austria

Erica Marsh, USA

Dror Meirow, Israel

Rod Mitchell, UK

Zsolt Peter Nagy, USA

Kazem Nouri, Austria

Ozgur Oktem, *Turkey*

Olivia Pagani, Switzerland

Pasquale Patrizio, USA

Fedro Peccatori, Italy

Guido Pennings, Belgium

Eleonora Porcu, *Italy*

Hila Raanani, Israel

Mikkel Rosendahl, Denmark

Zev Rosenwaks, USA

Gerald Schatten, USA

Stefan Schlatt, Germany

Françoise Shenfield, UK

Sherman Silber, USA

Edgardo Somigliana, Italy

Itay Specktor, Israel

Nao Suzuki, Japan

Evelyn Telfer, UK

Bettina Toth, Austria

Herman Tournaye, Belgium

Kirsten Tryde Macklon, Denmark

Catherine Uzan, France

Ans Van Pelt, The Netherlands

Michael von Wolff, Switzerland

Katharina Walch, Austria

Hamish Wallace, *UK* Rene Wenzl, *Austria*

Christine Wyns, Belgium

ISFP ACCREDITATION

Continuing Medical Education Accreditation points (CME)



'The 5th World Congress of the International Society for Fertility Preservation (ISFP)' (in Vienna, Austria (16-18.11.2017) is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net.

'The 5th World Congress of the International Society for Fertility Preservation (ISFP)' is designated for a maximum of **19 hours** of European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

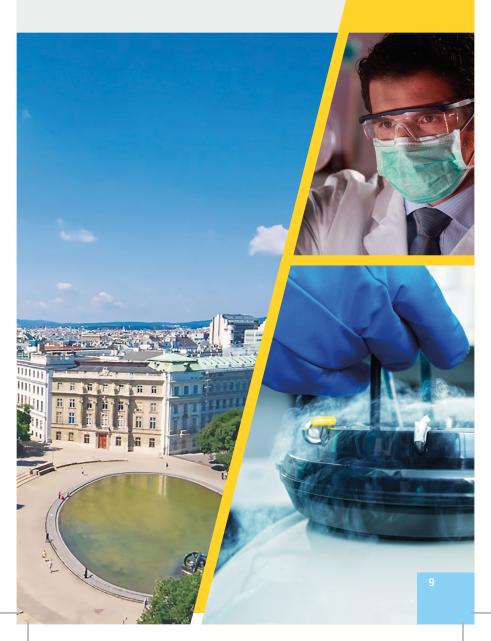
Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert EACCME credits to an equivalent number of AMA PRA Category 1 Credits^M. Information on the process to convert EACCME credit to AMA credit can be found at www.ama-assn.org/go/internationalcme.

Live educational activities, occurring outside of Canada, recognized by the UEMS-EACCME for ECMEC credits are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada.

EACCME credits

Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity. The EACCME credit system is based on 1 ECMEC per hour with a maximum of 3 ECMECs for half a day and 6 ECMECs for a full-day event.





SCIENTIFIC PROGRAM – WORKSHOPS

THURSDAY, NOVEMBER 16, 2017

WORKSHOP A

CRYOPRESERVATION OF OVARIAN TISSUE: HANDS-ON LAB AND CLINICS Marie-Madeleine Dolmans, Belgium; Itay Spector, Israel; Mikkel Rosendahl, Denmark

9:00-9:10 Welcome

Marie-Madeleine Dolmans, Belgium

9:10—9:40 Techniques of cryopreservation of ovarian tissue: slow freezing (plus video of seeding)

Christiani Amorim, Belgium

| Group 1 | Group 2 | |
|---|---------------------------------------|--|
| 9:40–10:40 Freezing of ovarian tissue: | 9:40–10:10 Ovarian tissue | |
| Hands-on practice with cow ovaries | collection: Indications and retrieval | |
| Itay Spector, Israel; Debra Gook, | by laparoscopic approach | |
| Australia; Jana Liebenthron, Germany | Marie-Madeleine Dolmans, | |
| | Belgium | |
| | 10:10-10:40 | |
| | Transplantation of ovarian tissue: | |
| | Safety assessment and techniques | |
| | Mikkel Rosendahl, Denmark | |
| 10:40-11:00 Coffee Break | | |
| 11:00–11:30 Ovarian tissue collection: | 11:00—12:00 Freezing of ovarian | |
| Indications and retrieval by laparoscopic | tissue: Hands-on practice with | |
| approach | cow ovaries | |
| Marie-Madeleine Dolmans, Belgium | Itay Spector, Israel; Debra Gook, | |
| 11:30-12:00 | Australia; Jana Liebenthron, | |
| Transplantation of ovarian tissue: | Germany | |
| Safety assessment and techniques | | |
| Mikkel Rosendahl, Denmark | | |

SCIENTIFIC PROGRAM – WORKSHOPS

THURSDAY, NOVEMBER 16, 2017

WORKSHOP B

MEET THE EXPERT: DISCUSSION ON FP CLINICAL CASES SUBMITTED BY WORKSHOP PARTICIPANTS

Hamish Wallace, UK; Michael von Wolff, Switzerland, Pedro Barri; Spain,

Dror Meirow, Israel

Moderator: Hila Raanani, Israel

| 9:00-9:05 | Opening |
|-------------|--|
| | Hila Raanani, Israel |
| 09:05-09:50 | Breast Cancer, Gynecology Benign Tumors |
| 09:50-10:30 | Solid Tumors, Gynecology Diseases |
| 10:30-10:45 | Coffee Break |
| 10:45-11:15 | Pediatric Oncology and Male Indications for Fertility Preservation |
| 11:15-12:00 | Genetic POI, Hemato-oncology Indications for Fertility |
| | Preservation |

SCIENTIFIC PROGRAM – WORKSHOPS

WORKSHOP C

| WORKSHOT C | | | |
|-----------------------------|--|--|--|
| THURSDAY, NOVEMBER 16, 2017 | | | |
| | FERTILITY-SPARING ENDOSCOPIC SURGERY: ENDOMETRIOSIS, OVARIAN SURGERY, FIBROIDS, ADENOMYOSIS, GYNECO-ONCOLOGY | | |
| Tommaso | Falcone, USA; Jacques Donnez, Belgium | | |
| 9:00–9:05 Introduction | | | |
| | Jacques Donnez, Belgium | | |
| 9:05-9:30 | Management of endometriomas: How can we preserve ovarian | | |
| | reserve? | | |
| | Stephan Gordts, Belgium | | |
| 9:30-10:00 | Surgical management of severe endometriosis without resorting | | |
| | to hysterectomy | | |
| | Jacques Donnez, Belgium | | |
| 10:00-10:30 | Conservative management of adenomyosis: Is this possible? | | |
| | Stephan Gordts, Belgium | | |
| 10:30-10:45 | Coffee Break | | |
| 10:45-11:15 | Robotic-assisted management of fibroids | | |
| | Tommaso Falcone, USA | | |
| 11:15-12:00 | Surgical approaches for preserving fertility in cancer patients Christoph Grimm, Austria | | |

| THURSDAY, NOVEMBER 16, 2017 | | | | |
|-----------------------------|---|--|--|--|
| 15:30-15:45 | WELCOME INTRODUCTION | | | |
| | Dror Meirow, Israel and Kazem Nouri, Austria | | | |
| 15:45-17:00 | SESSION 1: FERTILITY PRESERVATION: WHY? | | | |
| | Chairs: Marie-Madeleine Dolmans, Belgium; Hamish Wallace, UK; | | | |
| | and Ariane Germeyer , <i>Germany</i> | | | |
| 15:45-16:10 | The Effects of Cancer Treatment on Future Fertility: Clinical | | | |
| | Aspects | | | |
| | Clarisa Gracia, USA | | | |
| 16:10-16:35 | Candidates for Fertility-Preservation Procedures: What is the Limit | | | |
| | - Age or Ovarian Reserve Parameters? | | | |
| | Richard Anderson, UK | | | |
| 16:35–17:00 | Ovarian Biological Clock Rhythm and Its Effects on Follicle Reserve | | | |
| | Dror Meirow, Israel | | | |
| 17:00-17:30 | Coffee Break & Visit the Exhibition | | | |
| 17:30-18:45 | SESSION 2: STEM CELLS AND IN VITRO GAMETE GROWTH | | | |
| | Chairs: Richard Anderson, UK; Christian Egarter, Austria; | | | |
| | and Dror Meirow , Israel | | | |
| 17:30-17:50 | Growing Old Eggs and Making New Ones | | | |
| | Evelyn Telfer, UK | | | |
| 17:50-18:10 | The Effects of Toxic Agents on Gametes' Genetic Integrity | | | |
| | Gerald Schatten, USA | | | |
| 18:10-18:30 | Development, Sex Differentiation and Clonal Expansion of PGS to | | | |
| | Create Primordial Follicles and Spermatogonia: Scenarios for In | | | |
| | Vitro Gametogenesis | | | |
| 10.20.10.15 | Stefan Schlatt, Germany | | | |
| 18:30-18:45 | Personal Story | | | |
| 10.45 | Boaz Dotan, Israel | | | |
| 18:45 | Welcome Reception | | | |

FRIDAY, NOVEMBER 17, 2017

08:00-08:30 Welcome Coffee & Poster Viewing

Hall A

| | Tidit 7 |
|-------------|--|
| 08:30-10:30 | SESSION 3: BREAST CANCER SYMPOSIUM |
| | Chairs: Uwe Lang , <i>Austria</i> ; and Olivia Pagani , <i>Switzerland</i> |
| 08:30-08:50 | Adjuvant Hormonal Therapy in Premenopausal Women — The |
| | State of the Art |
| | Olivia Pagani, Switzerland |
| 08:50-09:10 | Current Treatment Approaches in BRCA-Associated Breast Cancer |
| | Bella Kaufman, Israel |
| 09:10-09:30 | Pregnancy in Breast Cancer Patients: Timing, Safety, and |
| | Treatment Approaches (During and Post Cancer) |
| | Fedro Peccatori, Italy |
| 09:30-09:50 | Fertility Preservation and Infertility Treatments in Breast Cancer |
| | Patients. How to Stimulate and What Are the Outcomes? PGD |
| | Michael von Wolff, Switzerland |
| 09:50-10:10 | Dealing with Menopausal Symptoms in Breast Cancer Patients |
| | Christian Egarter, Austria |
| 10:10-10:30 | Discussion |
| 10:30-11:00 | Coffee Break, Poster Viewing & Visit the Exhibition |
| 11:00-11:20 | Industry Symposium |
| | (see page 45 for more details) |
| 11:20-11:30 | Technical Break |

Hall A

| 11:30-13:10 | SESSION 4B: OOCYTE AND EMBRYO FREEZING | | |
|--|--|--|--|
| | Chairs: Zev Rosenwaks, USA; Sherman Silber, USA; | | |
| | and Katherina Walch, Austria | | |
| 11:30-11:50 | Oocyte cryopreservation: "robots" versus humans – comparing | | |
| | automated vitrification outcomes | | |
| | Zsolt Peter Nagy, USA | | |
| 11:50-12:10 | Oocyte Freezing and Ovarian Tissue Cryopreservation: Comparing | | |
| | Results of These Two Methods in One Program | | |
| | Cesar Diaz, Spain | | |
| 12:10-12:30 | Social oocyte freezing: Is it really ensuring? | | |
| | Pasquale Patrizio, USA | | |
| 12:30-12:50 | The place of IVM in fertility preservation | | |
| | Michael Grynberg, France | | |
| 12:50-13:10 | Discussion | | |
| 13:10–13:45 Lunch Break, Poster Viewing & Visit the Exhibition | | | |

| | Hall B |
|-------------|---|
| 11:30–13:10 | SESSION 4A: FERTILITY PRESERVATION IN BENIGN GYNECOLOGICAL CONDITIONS: ENDOMETRIOSIS AND FIBROIDS Chairs: Nalini Mahajan, India; Eleonora Porcu, Italy; and Nao Suzuki, Japan |
| 11:30–11:50 | Surgical management of endometrioma and its effect on ovarian reserve Tommaso Falcone, USA |
| 11:50–12:10 | Endometriosis and fertility preservation: From surgery to oocyte and ovarian tissue cryopreservation Jacques Donnez, Belgium |
| 12:10-12:30 | Oocyte freezing in endometriosis patients: Oocyte quality and quantity Edgardo Somigliana , <i>Italy</i> |
| 12:30-12:50 | Uterine Fibroids in Young Women: Prevalence, Prevention, and Uterine Preservation Erica Marsh , USA |
| 12:50-13:10 | Overview of non-surgical uterine fibroids: Management and reproductive considerations Marie-Madeleine Dolmans, Belgium |
| 13:10-13:45 | Lunch Break, Poster Viewing & Visit the Exhibition |
| | Hall A |
| 13:45–15:05 | SESSION 5A: FERTILITY PRESERVATION IN MALES Chairs: Pasquale Patrizio, USA; Stefan Schlatt, Germany; and Bettina Toth, Austria |
| 13:45-14:05 | The effects of cancer treatment on male infertility Kirsi Jahnukainen , <i>Finland</i> |
| 14:05–14:25 | Sperm banking in oncofertility Herman Tournaye, Belgium |
| 14:25—14:45 | Fertility restoration in prepubertal boys: Perspectives with testicular tissue Christine Wyns, Belgium |

14:45–15:05 Propagating spermatogonial cell populations for stem cell

15:05–15:35 Coffee Break, Poster Viewing & Visit the Exhibition

transplantation

Ans Van Pelt, The Netherlands

| Hall B | | |
|--|---|--|
| 13:45–15:05 | SESSION 5B: FERTILITY PRESERVATION IN GYNECO-ONCOLOGY: MALIGNANT CONDITIONS Chairs: Jacques Donnez, Belgium; Heinz Kölbl, Austria; and Hila Raanani, Israel | |
| 13:45-14:05 | Fertility preservation in young patients with endometrial cancer Kazem Nouri, Austria | |
| 14:05-14:25 | Fertility preservation in young patients with cervical cancer Catherine Uzan, France | |
| 14:25-14:45 | The effects of radiotherapy on the uterus Ozgur Oktem, Turkey | |
| 14:45-15:05 | Uterine transplantation Mats Brännström, Sweden | |
| 15:05-15:35 | Coffee Break, Poster Viewing & Visit the Exhibition | |
| | | |
| | Hall A | |
| 15:35–17:15 | Hall A SESSION 6B: ORGANIZING THE SERVICES OF FERTILITY PRESERVATION Chairs: Heinz Kölbl, Austria; Jana Liebenthron, Germany; and Michael von Wolff, Switzerland | |
| | SESSION 6B: ORGANIZING THE SERVICES OF FERTILITY PRESERVATION Chairs: Heinz Kölbl, Austria; Jana Liebenthron, Germany; and | |
| 15:35–15:55 | SESSION 6B: ORGANIZING THE SERVICES OF FERTILITY PRESERVATION Chairs: Heinz Kölbl, Austria; Jana Liebenthron, Germany; and Michael von Wolff, Switzerland Fertility preservation network for both sexes | |
| 15:35–15:55 | SESSION 6B: ORGANIZING THE SERVICES OF FERTILITY PRESERVATION Chairs: Heinz Kölbl, Austria; Jana Liebenthron, Germany; and Michael von Wolff, Switzerland Fertility preservation network for both sexes Michael von Wolff, Switzerland Fertility preservation regulations for using oocytes, embryos and ovarian tissue Françoise Shenfield, UK | |
| 15:35–15:55 15:55–16:15 16:15–16:35 | SESSION 6B: ORGANIZING THE SERVICES OF FERTILITY PRESERVATION Chairs: Heinz Kölbl, Austria; Jana Liebenthron, Germany; and Michael von Wolff, Switzerland Fertility preservation network for both sexes Michael von Wolff, Switzerland Fertility preservation regulations for using oocytes, embryos and ovarian tissue Françoise Shenfield, UK Storing ovarian tissue for non-malignant conditions | |
| 15:35–15:55 15:55–16:15 16:15–16:35 16:35–16:55 | SESSION 6B: ORGANIZING THE SERVICES OF FERTILITY PRESERVATION Chairs: Heinz Kölbl, Austria; Jana Liebenthron, Germany; and Michael von Wolff, Switzerland Fertility preservation network for both sexes Michael von Wolff, Switzerland Fertility preservation regulations for using oocytes, embryos and ovarian tissue Françoise Shenfield, UK Storing ovarian tissue for non-malignant conditions Kirsten Tryde Macklon, Denmark Ethics on age related fertility preservation | |

Hall B

| | Tiutt B |
|-------------|---|
| 15:35–17:25 | SESSION 6A: FREE COMMUNICATION I (BASIC SCIENCE) Chairs: Debra Gook, Australia; and Rod Mitchell, UK |
| 15:35-15:45 | Three-Layer Gradient System to Generate Testicular Organoids and to Model Germ-to-Somatic-Cell Interactions In Vitro Alves-Lopes, João Pedro; Söder, Olle; Stukenborg, Jan-Bernd Sweden |
| 15:45—15:55 | Anti-Mullerian Hormone (AMH) for Prevention of Ovarian Follicle Depletion after Pre-Pubertal Ovarian Cortex Xenotransplantation Detti, Laura ; Peregrin-Alvarez, Irene; Roman, Robert <i>USA</i> |
| 15:55—16:05 | A Novel Method Detects and Quantifies Sublethal Single Strand DNA Damage in Oocytes Caused by Ovotoxic Agents Kashi, Oren ; Roness, Hadassa; Itay, Spector; Ebenstein, Yuval; Zirkin, Shahar; Torchinsky, Dmitry; Meirow, Dror Israel |
| 16:05–16:15 | Tap63a Tetramerization and Its Involvement in Oocyte Apoptosis Induced by Chemotherapeutics Rossi, Valerio; Tuppi, Marcel; Dotsch, Volker; De Felici, Massimo; Klinger, Francesca Gioia Italy |
| 16:15—16:25 | Effect of PTEN Inhibition on DNA Damage and DNA Repair Capacity of Bovine Ovarian Follicles in Vitro Maidarti, Mila ; McLaughlin, Marie; Clarkson, Yvonne; Telfer, Evelyn; Anderson, Richard <i>UK</i> |
| 16:25–16:35 | Co-Transplantation of Human Ovarian Tissue with AMH-Producing Cells Inhibits Recruitment of Primordial Follicles in Short and Long Term Grafts Man, Limor; Park, Laura; Bodine, Richard; Zaninovic, Nikica; Schattman, Glenn; Rosenwaks, Zev; James, Daylon USA |
| 16:35–16:45 | Cisplatin Induces Senescence in Mouse Ovarian Somatic Cells In Vitro Marcozzi, Serena ; Rossi, Valerio; Di Rella, Francesca; Fabbri, Raffaella; De Felici, Massimo; Klinger, Francesca Gioia Italy |
| 16:45–16:55 | Complete Spermatogenesis in Intratesticular Testis Tissue Xenografts from an Immature Non-Human Primate (Callithrix Jacchus) Ntemou, Elissavet ; Mincheva, Mina; Kadam, Prashant; Van Saen, Dorien; Wistuba, Joachim; Schlatt, Stefan; Goossens, Ellen <i>Belgium</i> |

| 16:55–17:05 | A Draft Map of the Human Ovarian Proteome for Tissue Engineering and Clinical Applications Ouni, Emna ; Vertommen, Didier; Chiti, Maria Costanza; Andrade Amorim, Christiani; Dolmans, Marie-Madeleine <i>Belgium</i> | |
|-------------|--|--|
| 17:05–17:15 | Follicle Activation Is a Significant and Immediate Cause of Follicle Loss after Ovarian Tissue Transplantation Spector, Itay; Gavish, Zohar; Peer, Gil; Schlatt, Stefan; Wistube, Joachim; Roness, Hadassa; Meirow, Dror Israel | |
| 17:15—17:25 | | |
| 17:25-17:40 | Short Break | |

Hall A

| 17:40-19:40 | SESSION 7: REIMPLANTATION | OF OVARIAN TISSUE |
|-------------|--|--|
| | Chairs: Jehoshua Dor, Israel; and | l Tommaso Falcone, USA |
| 17:40-18:50 | Video Presentation: Transplanta — Different Group Presentations | ition of Ovarian Tissue Techniques |
| | Jacques Donnez, Belgium; Sherr | nan Silber, USA; Dror Meirow, |
| | Israel; Mikkel Rosendahl, Denma | ark; Matthias Beckmann, Germany |
| | Presentation of world registry re | esults: Cesar Diaz , <i>Spain</i> |
| 18:50-19:10 | Safety of Ovarian Tissue Transp | lantation |
| | Marie-Madeleine Dolmans, Belg | gium |
| 19:10-19:30 | Xenografting: Is it a Realistic Po | ssibility? |
| | Ralf Dittrich, Germany | |
| 19:30-19:40 | Discussion | |

| SATURDAY, NOVEMBER 18, 2017 | | |
|-----------------------------|---|--|
| | Welcome Coffee & Poster Viewing | |
| | Hall A | |
| 09:00-11:00 | SESSION 8: THE EFFECTS OF CHEMOTHERAPY ON THE OVARY: | |
| 03.00 11.00 | MECHANISM AND PROTECTION | |
| | Chairs: Dror Meirow, Israel; and Evelyn Telfer, UK | |
| 09:00-09:20 | Assessment of ovarian reserve in healthy female and after | |
| | exposure to toxic agents | |
| | Hamish Wallace, UK | |
| 09:20-09:40 | Mechanism of ovarian damage induced by chemotherapy | |
| | Karla Hutt, Australia | |
| 09:40-10:00 | The artificial ovary for storing fertility and reducing cancer cells | |
| | contamination | |
| | Christiani Amorim, Belgium | |
| | Discussion | |
| | Debate: Medical protection by GnRH agonists | |
| | Pro: Zeev Blumenfeld, Israel | |
| | Con: Isabelle Demeestere, Belgium | |
| | Discussion | |
| - | Coffee Break, Poster Viewing & Visit the Exhibition | |
| 11:30–13:30 | SESSION 9: FREE COMMUNICATION II (CLINICAL) | |
| | Chairs: Isabelle Demeestere, Belgium; S. Samuel Kim, USA; | |
| 11:30-11:40 | and Paolo Emanuele Levi Setti, Italy | |
| 11:30-11:40 | Dual-IVM: An Innovative Strategy of Fertility Preservation for Increasing the Number of Vitrified Oocytes when Ovarian | |
| | Stimulation is Unfeasible | |
| | Comtet, Marjorie; Valdelièvre, Constance; Sermondade, Nathalie; | |
| | Sifer, Christophe; Sonigo, Charlotte; Grynberg, Michael | |
| | France | |
| 11:40-11:50 | Follicular Biomarkers in Controlled Ovarian Hyperstimulation | |
| | Associated with Letrozole for Fertility Preservation in Breast | |
| | Cancer Patients | |
| | Goldrat, Ornit; Van Den Steen, Geraldine; Gonzalez-Merino, | |
| | Eric; Dechene, Julie; Gervy, Christine; Delbaere, Anne; Devreker, | |
| | Fabienne; De Maertelaer, Viviane; Demeestere, Isabelle | |
| 11.50 12.00 | Belgium Are Polisted Fortility Process ration: Experience at the Perceductive | |
| 11:50–12:00 | Age Related Fertility Preservation: Experience at the Reproductive | |
| | Medicine Service, Hospital Universitari Dexeus (2009-2017) Gonzalez Llagostera, Clara; Solé, Miquel; Devesa, Marta; Veiga, | |
| | Anna; Barri, Pere Nolasc | |
| | Spain | |
| | <u> </u> | |

12:00-12:10 Paediatric and Adolescent Oncofertility: Procedure Uptake and Family Acceptance of Fertility Decisions Jayasinghe, Yasmin; Kemertzis, Matthew; Orme, Lisa; Zacharin, Margaret; Peate, Michelle; Ho, Cindy; Gook, Debra; Stern, Kate; Bourne, Harold; Clarke, Gary; Heloury, Yves; Sullivan, Michael; Jayasuriya, Sadunee; Clark, Hannah; Agresta, Franca; Downie, Peter; Super, Leanne; Gillam, Lynn Australia 12:10–12:20 Prospective Assessment of the Follicular Growth and the Oocyte Cohort after Controlled Ovarian Hyperstimulation (COH) for Fertility Preservation in 90 Young Cancer Patients Versus 180 Matched Controls Keller, Laura; Robin, Geoffroy; Mailliez, Audrey; Ramdane, Nassima; Morschhauser, Franck; Leroy-Martin, Brigitte; Decanter, Christine France 12:20–12:30 Comparison of Slow Freezing Versus Vitrification for Human Ovarian Tissue Cryopreservation and Xenotransplantation Kim, Boram; Kang, Da Hyun; Lee, Sanghoon; Kim, Tak Republic of Korea 12:30–12:40 Ovarian Primordial and Primary Follicle Density and Serum AMH Concentration – An Analysis Based On > 1.000 Ovarian Tissue and Serum Samples Cryopreserved Before Gonadotoxic Therapy Liebenthron, Jana; Reinsberg, Jochen; Fimmers, Rolf; Sänger, Nicole; van der Ven, Katrin; van der Ven, Hans; Stute, Petra; von Wolff, Michael Germany 12:40–12:50 Testicular Tissue Freezing: Impact of the Freezing Procedure and the Treatment Received on the Quality of the Tissue after Thawing Rives, Aurélie; Liard, Agnès; Mitchell, Valérie; Bubenheim, Michael; Mirallié, Sophie; Giscard d'Estaing, Sandrine; Roux, Christophe; Benhaim, Annie; Brugnon, Florence; Daudin, Myriam; Schneider, Pascale; Bironneau, Amandine; Rives, Nathalie France 12:50–13:00 Management of Fertility Preservation in Young Patients with Turner Syndrome Berjonneau, Clémence; Rives, Aurélie; Jolly-Hélas, Géraldine; Cuny, Ariane; Castanet, Mireille; Letailleur, Maria; Liard, Agnès; Brigitte, Clavier; Rives, Nathalie France

| 13:00-13:10 | Chemotherapy-Induced Follicle Activation and Loss in Human Ovarian Tissue: First Documentation of the "Burn-Out" Effect in Clinical Cases Shai, Daniel ; Aviel-Ronen, Sarit; Marcus, Hila; Spector, Itay; Roness, Hadassa; Derech Haim, Sanaz; Gat, Itay; Shapira, Moran; Raanani, Hila; Meirow, Dror Israel |
|-------------|---|
| 13:10-13:30 | Discussion |
| 13:30-14:00 | Lunch Break, Poster Viewing & Visit the Exhibition |
| 14:00-15:50 | SESSION 10: STORING OVARIAN TISSUE Chairs: Christiani Amorim, Belgium; Julian Marschalek, Austria; and Kazem Nouri, Austria |
| 14:00-14:50 | Debate: Slow freezing vs. vitrification |
| 14:00-14:20 | Slow freezing - Debra Gook , Australia |
| 14:20-14:40 | Vitrification - Nao Suzuki, Japan |
| 14:40-14:50 | Discussion |
| 14:50-15:10 | Are there any methods to improve transplantation outcome? 5. Samuel Kim , <i>USA</i> |
| 15:10-15:30 | Fertility preservation results with vitrification of ovarian tissue Sherman Silber , <i>USA</i> |
| 15:30–15:50 | Oocyte and ovarian tissue vitrification for Restoration of reproductive Function: Efficiency and the Limit Kölbl Masashige Kuwayama, Japan |
| 15:50–16:10 | Closing Remarks Announcement of Award Winners (Clinical and Basic Science), Future ISFP Activities, and the New President-Elect |
| | |

POSTER PRESENTATIONS

Board # Poster Abstract Title

Norway

Basic Science Abstracts

- 1 INFLUENCE OF TEMPERATURE, SERUM AND GONADOTROPIN SUPPLEMENTATION IN SHORT AND LONG-TERM ORGANOTYPIC CULTURE OF HUMAN PREPUBERTAL TESTICULAR TISSUE Medrano, Jose; Andres, Mara; Vilanova, Teresa; Martinez, Marisa; García, Sofia; Povo, Ivan; Gomez, Javier; Pellicer, Antonio Spain
- 2 THE EFFECT OF IMATINIB MESYLATE ON OVARIAN TISSUE FIBROSIS IN POSTNATAL RAT OVARY Asadi Azarbaijani, Babak; R. Santos, Regiane; Jahnukainen, Kirsi; van Duursen, Majorie B. M.; C. Oskam, Irma
- 3 ISOLATION AND CHARACTERIZATION OF THE HUMAN OVARIAN CELLS FOR TRANSPLANTATION IN AN ARTIFICIAL OVARY Asiabi Kohneh Shahri, Parinaz; Dolmans, Marie-Madeleine; Chiti, Maria Costanza; Amorim, Christiani A. Belgium
- 4 A COMPARISON BETWEEN 3D AND D SYSTEMS FOR THE VITRIFICATION OF ISOLATED BOVINE PRE-ANTRAL FOLLICLES Bus, Anniek; Leroy, Jo L.M.R.; Bols, Peter E.J. Belgium
- 5 IN VIVO CHARACTERIZATION OF METABOLIC ACTIVITY AND OXIDATIVE STRESS IN GRAFTED HUMAN OVARIAN TISSUE USING MICRODIALYSIS

Cacciottola, Luciana; Manavella, Diego D; Payen, Valery L; Sonveaux, Pierre; Amorim, Christiani A; Donnez, Jacques; Dolmans, Marie-Madeleine Belgium

- 6 A PERSONALIZED PROTOCOL FOR HUMAN OVARIAN FOLLICLE ISOLATION FOR CLINICAL APPLICATION
 - Chiti, Maria Costanza; Dolmans, Marie-Madeleine; Hobeika, Maria; Cernogoraz, Alice; Donnez, Jacques; Amorim, Christiani Andrade Belgium
- 7 MIMICKING HUMAN OVARIAN TISSUE ULTRASTRUCTURE: HOW TO IMPROVE THE ARTIFICIAL OVARY MATRIX
 Chiti, Maria Costanza; Dolmans, Marie-Madeleine; Mortiaux, Lucie; Zhuge, Flanco; Ouni, Emna; Asiabi Kohneh Shahri, Parinaz; Van Ruymbeke, Evelyne; Demoustier-Champagne, Sophie; Donnez, Jacques; Amorim, Christiani Andrade
 Belgium
- 8 VEGF AND VEGFR EXPRESSION IN MOUSE OVARY IS DIFFERENTIALLY MODULATED BY PARITY AND NULLIPARITY Cecconi, Sandra; Di Nisio, Valentina; Rossi, Gianna; Tiboni, Gian Mario Italy

9 HUMAN OVARIAN TISSUE VITRIFICATION AND FRAGMENTATION Ding, Haixia

China

10 EFFECT OF MOUSE AGING ON IN VITRO FOLLICLE GROWTH AND OOCYTE COMPETENCE

Kim, Eun Jung; Youm, Hye Won; Won, Kyu-Hee; Kim, Seul Ki; Lee, Jung Ryeol; Lee, Yong Chan; Suh, Chang Suk; Kim, Seok Hyun *Republic of Korea*

11 CRYOPRESERVATION REDUCED ESTROGEN PRODUCTION BY FOLLICLES IN VITRO

Young, Fiona; Durrans, Jordan; Asaduzzaman, Mohammad Australia

12 EVALUATION OF DIFFERENT PROTOCOLS FOR THE CRYOPRESERVATION OF MOUSE OVARIES

Kolbe, Thomas; Obermann, Tobias; Zabik, Christian; Walter, Ingrid; Ruelicke, Thomas

Austria

13 EFFECTS OF DIFFERENT ANTIFREEZE PROTEIN ISOFORMS AND THEIR MUTANTS ON MOUSE OVARIAN TISSUE VITRIFICATION-WARMING

Kong, Hyun Sun; Youm, Hye Won; Kim, Seul Ki; Choo, Chang woo; Lee, Jung Ryeol; Suh, Chang Suk; Kim, Seok Hyun R*epublic of Korea*

14 X CHROMOSOME INACTIVATION STATUS OF KLINEFELTER
SYNDROME DERIVED HUMAN INDUCED PLURIPOTENT STEM CELLS
Kurek, Magdalena; Panula, Sarita; Hovatta, Outi; Lanner, Fredrik;
Stukenborg, Jan-Bernd
Sweden

15 PERINATAL BISPHENOL-A EXPOSURE EFFECTS SEEN IN FEMALE ADULT OFFSPRING: MAMMARY GLANDS AND REPRODUCTIVE TRACT RESPONSES

Leonel, Ellen Cristina Rivas; Bedolo, Carolina Marques Baraldi; Campos, Silvana Gisele Pegorin; Taboga, Sebastião Roberto *Belgium*

16 REPRODUCTIVE HORMONE CHANGES IN MACACA FASCICULARIS BEFORE OVARIAN TRANSPLANTATION: A PRELIMINARY STUDY Mutia, Kresna; Febri, Ririn Rahmala; Ameilia Iffanolida, Pritta; Muna, Naylah; Yohanes Satrya Wibawa; Harzif, Achmad Kemal; Maidarti, Mila; Hestiantoro, Andon; Wiweko, Budi Indonesia

17 RESIDUAL ETHYLENE GLYCOL (EG) AND DIMETHYL SULFOXIDE (DMSO) CONCENTRATION IN BOVINE OVARIAN TISSUES DURING WARMING PROCEDURE OF VITRIFICATION METHOD AND SLOW FREEZING METHOD

Nakamura, Yusuke; Sasaki, Chisa; Shibasaki, Sena; Obata, Ryuichiro; Okuyama, Noriyuki; Ogura, Yurina; Aono, Nobuya; Koizumi, Masae; Toya, Mayumi; Igarashi, Hideki; Hashimoto, Tomoko; Kyono, Keisuke; Kyono, Koichi Japan

18 OVARIAN TISSUE CRYOPRESERVATION: SLOW FREEZING VS VITRIFICATION

Nikiforov, Dmitry; Valentina, Russo; Barboni, Barbara *Italy*

19 BCR-ABL TYROSINE KINASE INHIBITOR IMATINIB MESYLATE DOES NOT AMELIORATE CHEMOTHERAPY INDUCED GONADOTOXICITY IN HUMAN OVARY

Oktem, Ozgur; Bildik, Gamze; Taskiran, Cagatay; Balaban, Basak; Urman, Bulent; Keles, Ipek *Turkey*

20 OPTIMIZING CRYOPRESERVATION METHODS FOR IMMATURE MOUSE TESTICULAR CELL SUSPENSIONS

Onofre Meza, Jaime

Belgium

- 21 THE INCREASED NEOVASCULARIZATION IN THE HUMAN OVARIAN GRAFTS AFTER FOLLICLE STIMULATING HORMONE INTERVENE DURING OVARIAN CRYOPRESERVATION BY VITRIFICATION Pei, Xiuying; Yang, Yanzhou; Ma, Wenye; Wang, Yanrong China
- 22 MEDICAL GRADE HONEY IN OVARIAN CORTEX PRESERVATION: AN IN VITRO ANIMAL MODEL APPROACH FOR STUDYING ANGIOGENESIS Pimenta, Jorge; Pessa, Pedro; Marques, Carla; Azevedo, Rita; Fonseca, Elisa; Almeida-Santos, Teresa; Pereira, Rosa Portugal
- 23 STIMULATION WITH EXOGENOUS GONADOTROPHINS INDUCES
 INITIATION AND MAINTENANCE OF SOMATIC CELL MATURATION AND
 FUNCTIONALITY IN THE HUMAN PREPUBERTAL TESTIS
 Hutka, Marsida; Mitchell, Rod
 UK

24 EVALUATION OF FOLLICLE AND ENDOCRINE DAMAGE AFTER IN VITRO PERFUSION OF PRE-PUBERTAL SHEEP OVARIES USING PHOSPHORAMIDE MUSTARD

Rodriguez-Wallberg, Kenny A.; Milenkovic, Milan; Patrizio, Pasquale; Akouri, Randa; Jar-Allah, Tagrid; Akyürek, Levent M.; Brännström, Mats *Sweden*

- 25 OPTIMIZING VITRIFICATION PROTOCOL FOR MINIMAL CONNEXIN HEMICHANNEL OPENING RESULTS IN IMPROVED IN VITRO MATURATION AND ACTIVATION OF BOVINE IMMATURE COCS Szymanska, Katarzyna; Ortiz-Escribano, Nerea; Van den Abbeel, Etienne; Van Soom, Ann; Leybaert, Luc Belgium
- 26 PREANTRAL GROWTH AND SURVIVAL OF HUMAN OVARIAN FOLLICLES IN VITRO ARE PROMOTED BY LAMININ-221 Hao, Jie; Tuck, Astrud; Sjödin, Marcus; Lindberg, Johan; Sand, Anna; Niklasson, Boel; Hovatta, Outi; Damdimopolou, Pauliina Sweden
- 27 CHARACTERIZATION OF HUMAN OVARIAN CELLS ISOLATED WITH DDX ANTIBODY BASED FACS

Wagner, Magdalena; Panula, Sarita; Damdimopoulos, Tassos; Lu, Haojiang; Douagi, Iyadh; Hovatta, Outi; Lanner, Fredrik; Damdimopoulou, Pauliina *Sweden*

28 EVALUATE THE EFFECTIVENESS OF A NEW VITRIFICATION OBSERVATION DEVICE IN SCREENING FOR THE OPTIMAL VITRIFICATION SOLUTIONS

Tang, Huiru; Zeng, Yucui; **Wei, Weixia**; Zeng, Liping; Wu, Ruifang *China*

29 THE RESEARCH OF THE FUNCTION OF IN VITRO ACTIVATION OF PRIMORDIAL FOLLICLE BY THE STIMULATION OF THE ACTIVATOR MHY1484 OF MTOR SIGNALING PATHWAY
Wu, Shuang

Wu, Shuang China

30 THE ROLE OF AUTOPHAGY IN THE OVARIAN CRYOPRESERVATION BY VITRIFICATION

Yang, Yanzhou; Xian, Yi; Li, Bo; Pan, Pengge; Wang, Yanrong; Pei, Xiuying China

31 VASCULAR REMODELING AND RESPONSE TO GONADOTROPIN IN HETEROTOPIC OVARIAN TISSUE TRANSPLANTATION WITHOUT VASCULAR ANASTOMOSIS

Yu, Xiaoli; Pei, Chengbin; Ma, Jianjun; Xian, Yi; Sun, Miao; Wang, Yanrong; Yang, Yanzhou China

Clinical Abstracts

32 OBSTACLES FACING OOCYTE CRYOPRESERVATION IN THE MIDDLE EAST Abdelwehab, Samar

Egypt

33 THE EFFECT OF CRYOPRESERVATION ON CATSPER 2 AND TEKTIN 2
PROTEINS AND RNA EXPRESSION LEVELS IN HUMAN SPERMATOZOA
Alshawa, Eiman; Laqqan, Mohammed; Montenarh, Mathias;
Hammadeh, Mohamad
Germany

34 UTILIZATION OF A NEW FREEZING PROTOCOL CONTAINING A HIGHER DMSO CONCENTRATION TO CRYOPRESERVE HUMAN OVARIAN TISSUE

Gallardo, Miguel; Paulini, Fernanda; Corral, Ariadna; Balcerzyk, Marcin; Lucci, Carolina Madeira; Ambroise, Jerome; Merola, Marta; Fernandez-Maza, Laura; Risco, Ramon; Dolmans, Marie-Madeleine; Amorim, Christiani Spain

35 DELAYING MOTHERHOOD: A CASE REPORT OF OOCYTES
CRYOPRESERVED FOR 9 YEARS WITH TWIN PREGNANCY OUTCOME
Buenrostro Lopez, Alberto Israel; Castro Hernandez, Wendy Belen;
Martinez Gutierrez, Omar; Ruvalcaba Castellon, Luis Arturo;
Barba Gomez, Candice Ann
Mexico

36 DOUBLE STIMULATION TO MAXIMIZE CYCLE POTENTIAL IN ONCOFERTILITY PATIENTS

Buzaglo, Karen

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37 ENDOCRINE FUNCTION AND REPRODUCTIVE OUTCOMES
AFTER HETEROTOPIC OR ORTHOTOPIC TRANSPLANTATION OF
CRYOPRESERVED OVARIAN TISSUE
Bystrova, Olga
Russia

38 FERTILITY PRESERVATION IN MEXICO: A TEN YEARS EXPERIENCE MEXICAN INSTITUTE OF INFERTILITY

Castro Hernández, **Wendy Belén**; Sánchez Ávalos, Emanuel; Buenrostro López, Alberto Israel; Martínez Gutiérrez, Omar; García Amador, Martha Isolina; Ruvalcaba Castellón, Luis Arturo *Mexico*

39 INVESTIGATION ON CONNECTION STATUS OF THE BABIES AND THE FATHERS INTRODUCED EACH OTHER IN THE FIRST TIME AFTER BIRTH AND EVALUATION OF COMMUNICATION PATTERNS Kara, Mustafa; Cetinkaya, Senay Turkey

- 40 LETROZOLE CAN BE A GOOD ADJUVANT FOR IN VITRO FERTILIZATION (IVF) PROCEDURE IN PATIENT WITH OVARIAN ENDOMETRIOSIS.

 Choo, Chang-Woo; Kim, Seul Ki
 Republic of Korea
- 41 ISOLATE TERATOZOOSPERMIA SHOULD NOT BE CONSIDERED AS THE SOLE INDICATION FOR INTRACYTOPLASMIC SPERM INJECTION (ICSI) IN EMBRYO CRYOPRESERVATION PROGRAM.

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 Republic of Korea
- 42 COMBINING MULTIPLE INTERVENTIONS FOR FERTILITY PRESERVATION BEFORE FERTOTOXIC TREATMENT: A DESCRIPTIVE ANALYSIS

De Vos, Michel; Enghels, Lissa; Segers, Ingrid; Van Moer, Ellen; Van Ginderdeuren, Saskia; Mateizel, Ileana; Smitz, Johan; Verheyen, Greta; Tournaye, Herman *Belgium*

- 43 SYSTEMATIC FOLLOW-UP OF AMH LEVELS IN 122 YOUNG
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 Bénédicte; D'orazio, Emmanuelle; Pigny, Pascal; Decanter, Christine
 France
- 44 ETHICAL CONSIDERATIONS ON SURPLUS EMBRYOS IN INFERTILITY CLINICS: INDONESIAN SCIENTISTS' PERSPECTIVES

 Dewanto, Agung; Suryaningtyas, Diany A; Hanoum, Ita Fauzia; Widad, Shofwal Indonesia
- 45 CURRENT AWARENESS AND PRACTICE TOWARDS FERTILITY PRESERVATION IN A DEVELOPING COUNTRY: A NATIONWIDE SURVEY FOR ONCOLOGISTS IN INDONESIA

Ayuandari, Sarrah; Wahab, Hindun Wildani; Rianti, Ismi Wahyu; Arumsari, Regina; Khasanah, Nurida; Enisar Sangun, Diannisa Ikarumi; **Dewanto, Agung**

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46 FERTILITY PRESERVATION KNOWLEDGE AND PERSPECTIVE AMONG HEALTHCARE PROVIDERS IN INDONESIA: A NATIONAL SURVEY Wahab, Hindun Wildani; Riyanti, Ismi Wahyu; Arumsari, Regina; Khasanah, Nurida; Sangun, Diannisa I. Enisar; Dewanto, Agung; Ayuandari, Sarrah Indonesia

47 FERTILITY PRESERVATION IN WOMEN WITH MALIGNANCIES: THE ACCURACY OF ANTRAL FOLLICLE COUNT (AFC) COLLECTED RANDOMLY DURING THE MENSTRUAL CYCLE IN PREDICTING THE NUMBER OF OOCYTES RETRIEVED

Filippi, Francesca; Martinelli, Fabio; Paffoni, Alessio; Reschini, Marco; Raspagliesi, Francesco; Somigliana, Edgardo *Italy*

48 LIVE BIRTH AFTER LUTEAL PHASE IMMATURE OOCYTE RETRIVAL FOR URGENT FERTILITY PRESERVASION IN WOMEN WITH BREAST CANCER

Gidoni, Yariv Shlomo; Ben Ami, Ido; Barkat, Yonathan; Strassburger, Deborah; Kasterstein, Esti; Komarovsky, Dafna; Maslansky, Billa; Bern, Orna; Dukan, Danielle; Lamberberg, Orit; Ron-El, Rephael; Revel, Ariel Israel

49 FERTILITY PRESERVATION IN ADOLESCENCE AND YOUNG WOMEN WITH HUGE OVARIAN TUMORS

Gidoni, Yariv Shlomo; Smorgik, Noam; Barkat, Yonathan; Ben Ami, Ido; Bern, Orna; Dukan, Danielle; Kasterstein, Esti; Komarovsky, Dafna; Lamberberg, Orit; Maslansky, Billa; Strassburger, Deborah; Pansky, Moty; Schneider, David; Ron-El, Rephael; Revel, Ariel; Vaknin, Zvi Israel

50 POTENTIAL LEUKEMIC CONTAMINATION IN FROZEN OVARIAN TISSUE.

Gook, Debra; Westerman, David; Hughes, Vanessa; McBean, Michelle; Stern, Kate *Australia*

51 OSTEOPONTIN PROMOTING THE PATHOGENESIS OF ENDOMETRIOSIS AND CHANGES IN CELL INVASION AND MIGRATION THROUGH ACTIVATION OF NF-KB SIGNALING IN ENDOMETRIAL EPITHELIAL CELLS

Ha, Chunfang; Li, Wangshu; Yao, Weiwei; Ma, Yuan *China*

52 KNOWLEDGE, ATTITUDE, INTENTIONS, AND RELIGIOUS PERSPECTIVE TOWARD FERTILITY AWARENESS AND OOCYTE CRYOPRESERVATION AMONG INDONESIAN OBSTETRICS AND GYNECOLOGY RESIDENTS Harzif, Achmad Kemal; Silvia, Melisa; Mariana, Ana; Wiweko, Budi Indonesia

53 THE INFLUENCE OF ENDOMETRIOSIS ON MORPHOKINETIC PARAMETERS OF EARLY EMBRYO DEVELOPMENT Weiss, Gregor; Kröpfl, Julia Maria; Hörmann-Kröpfl, Martina;

Schenk, Michael

Austria

54 THE ROLE OF THE ONCOLOGY NURSE AT MD ANDERSON CANCER CENTER IN COUNSELING YOUNG WOMEN WITH CANCER ABOUT FERTILITY PRESERVATION

Holman, Deborah

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55 CRYOPRESERVATION OF THE TESTIS TISSUE IN PATIENTS WITH KLINEFELTER'S SYNDROME

Jezek, Davor; Kozina, Viviana; Hauptman, Dinko; Stanic, Patrik *Croatia*

56 SURROGACY AS AN OPTION FOR TEATMENT FOR PATIENTS WITH CRYOPRESERVED GAMETES. A CRITICAL OVERVIEW OF OUR EXPERIENCE

Zervomanolakis, Ioannis; Kostaras, Konstantinos; Nikitos, Eros; Agapitou, Kristy; **Kallergi, Stavroula**; Mpotzaki, Mitrodora; Diamantopoulou, Konstantina; Makri, Christiana; Pappa, Danai; Mantzavinos, Themis *Greece*

57 EFFICACY OF RANDOM-START CONTROLLED OVARIAN STIMULATION WITH LETROZOLE IN BREAST CANCER PATIENTS

Kim, Hashin; Han, Jiyeon; Kim, Hoon; Ku, Seung-Yup; Lee, Seong Goo; Suh, Chang Suk; Kim, Seok Hyun

Republic of Korea

58 RISK FACTORS FOR MENOPAUSE AFTER CHEMOTHERAPY IN YOUNG BREAST CANCER PATIENTS RECEIVED A GONADOTROPIN-RELEASING HORMONE AGONIST FOR OVARIAN PROTECTION

Kim, Sung Woo; Kim, Hoon; Ku, Seung Yup; Suh, Chang Suk; Kim, Seok Hyun; Choi, Young Min

Republic of Korea

59 FERTILITY PRESERVATION AMONG BREAST CANCER SURVIVORS IN REPRODUCTIVE AGE — A SINGLE INSTITUTE EXPERIENCE Kojima, Yasuyuki; Nishijima, Chie; Takae, Seido; Akiyama, Kyoko; Sugishita, Yodo; Horage, Yuki; Suzuki, Nao; Tsugawa, Koichiro Japan

60 A SURVEY ON FERTILITY MANAGEMENT IN YOUNG WOMEN OF REPRODUCTIVE AGE TREATED WITH CHEMOTHERAPY Kuwahara, Akira

Japan

61 SUCCESSFUL FERTILITY PRESERVATION WITH AROMATASE INHIBITOR IN BREAST CANCER PATIENTS

Lee, Jisun; Chang, Kyoungjin; Jung, Jung Ah; Lee, Jae Hun; Kim, Miran; **Hwang, Kyungjoo** *Republic of Korea*

62 MALE FERTILITY AFTER HEMATOLOGICAL MALIGNANCY: FEMALE AGING MAY BE A NEW NEGATIVE PROGNOSTIC FACTOR

Negri, Luciano; Baggiani, Annamaria; Specchia, Cristina; Albani, Elena; Benaglia, Renzo; **Levi- Setti, Paolo Emanuele** *Italy*

63 DOES ENDOMETRIOSIS AFFECT OOCYTE QUALITY IN IN VITRO FERTILIZATION AND INTRACYTOPLASMIC SPERM INJECTION CYCLES COMPARED TO OOCYTE WHERE ENDOMETRIOSIS HAS BEEN EXCLUDED BY LAPAROSCOPY?

Lotz, Laura; Fattahi, Amir; Raffel, Nathalie; Hoffmann, Inge; Beckmann, Matthias W.; Dittrich, Ralf *Germany*

64 ART OUTCOMES FOR FRESH VERSUS DEFERRED FROZEN-THAWED EMBRYO TRANSFER: A TWO YEAR MALAYSIAN COHORT STUDY Mariappen, Uma; Ali, Anizah; Mohd Razi, Zainul Rashid; Abdul Karim, Abdul Kadir; Omar, Mohd Hashim

65 SAFETY OF OVARIAN TISSUE TRANSPLANTATION IN PATIENTS WITH BORDERLINE OVARIAN TUMORS

Masciangelo, Rossella; Bosisio, Chiara; Donnez, Jacques; Amorim, Christiani A.; Dolmans, Marie-Madeleine Belgium

66 SAFETY AND EFFICACY OF FERTILITY PRESERVATION IN WOMEN WITH MYELODYSPLASIA AND APLASTIC ANEMIA PRIOR TO STEM CELL TRANSPLANTATION

Mehm, Alexander; Brady, Paula; Steensma, David; Srouji, Serene; Ginsburg, Elizabeth *USA*

67 FERTILITY QUALITY OF LIFE EVALUATION IN PATIENTS WITH ENDOMETRIOSIS

Miremadi, Yasaman; Santa Cruz, Diana *Austria*

68 ANTI-MULLERIAN HORMONE AS A PREDICTIVE MARKER OF OVARIAN RESERVE IN CANCER PATIENT

Muna, Naylah; Mutia, Kresna; Febri, Ririn Rahmala; Silvia, Melisa; Harzif, Achmad Kemal; Wiweko, Budi; Maidarti, Mila; Oki Riayati Indonesia

69 EVALUATION OF SPERMATIC PARAMETERS IN INFERTILE MEN AFTER ANTIOXIDANT TREATMENT

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Algeria

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70 OVARIAN RESERVE MARKERS AND OOCYTE RETRIEVAL IN CANCER PATIENTS COMPARED TO HEALTHY WOMEN: A MULTIPLE LINEAR REGRESSION MODEL

Pesce, Romina Ileana; Nicolaevsky, Natalia; Uzal, Mariano; Ciarmatori, Silvia; Gogorza, Sebastian; Perman, Gaston *Argentina*

71 COLLECTING IMMATURE OOCYTES FOR IVM DURING OVARIAN TISSUE HARVESTING FOR FERTILITY PRESERVATION. WHAT IS THE YIELD AND OUTCOME?

Kedem, Alon; Yerushalmi, Gil; Brengauz, Masha; **Raanani, Hila**; Orvieto, Raoul; Hourvitz, Ariel; Meirow, Dror *Israel*

72 OVARIAN STIMULATION AND CUMULATIVE BIRTH RATE IN CARRIERS OF BRCA IS NOT REDUCED IN WOMEN UNDERGOING PGD: CASE CONTROLLED STUDY

Reddy, Nivedita; Kopeika, Julia; Beebeejaun, Yusuf; Khalil, Mohamed; Bolton, Virginia; El-Toukhy, Tarek; Lashwood, Alison; Khalaf, Yakoub

73 PREGNANCY RATE IN PATIENTS WITH REVITRIFIED TRANSFERRED EMBRYOS

Sánchez Avalos, Emanuel; Castro Hernandez, Wendy Belen; Lozada Plascencia, Leonardo Moises; Barba Gómez, Candice Ann; Felix Atondo, Jesus Alberto; García Amador, Martha Isolina; Diaz Gonzalez, Roberto Enrique; Ruvalcaba Castellon, Luis Arturo; Buenrostro Lopez, Alberto; Martinez Gutierrez, Omar Mexico

74 A DIAGNOSTIC GERM CELL SCORE FOR EVALUATION OF PREPUBERTAL AND PUBERTAL TESTICULAR BIOPSIES
Heckmann, Laura; Pock, Tim; Wistuba, Joachim; Schlatt, Stefan; Kliesch, Sabine; Neuhaus, Nina
Germany

75 LIPOTOXICITY: DOES THE OBESITY COMPROMISE THE SUCCESS OF OOCYTE CRYOPRESERVATION?

Seco, Laura; Vazquez, Ruth; Carreño, Ines; Iglesias, Jesús Pedro; Bermejo, Alfonso *Spain*

76 OVARIAN RESERVE TESTS ARE ASSOCIATED WITH THE NUMBER OF OOCYTES MATURED IN VITRO AND WITH THE PRIMORDIAL FOLLICLE DENSITY IN A POPULATION OF CANDIDATES FOR FERTILITY PRESERVATION

Sermondade, Nathalie; Sonigo, Charlotte; Sifer, Christophe; Ziol, Marianne; Eustache, Florence; Grynberg, Michael *France*

77 OTCP AND TRANSPLANTATION IN 7 LEUKEMIA SURVIVORS

Shapira, Moran; Raanani, Hila; Barshack, Iris; Aamariglio, Ninette;
Derech Chaim, Sanaz; Spector, Itay; Meirow, Dror
Israel

- 78 BRCA 1/2 GENE MUTATIONS DO NOT AFFECT THE CAPACITY OF CUMULO-OOCYTE COMPLEXES TO MATURE IN VITRO IN BREAST CANCER CANDIDATES FOR FERTILITY PRESERVATION.
 - **Sonigo, Charlotte**; Dagher-Hayek, Bénédicte; Benoit, Alexandra; Sifer, Christophe; Sermondade, Nathalie; Grynberg, Michael *France*
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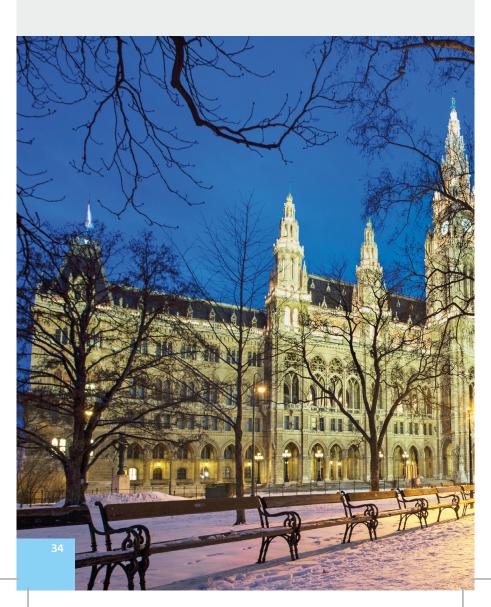
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GENERAL INFORMATION & SPONSORS



GENERAL INFORMATION

Congress Venue and Headquarters Hotel

Vienna Marriott Hotel Parkring 12a, 1010 Vienna, Austria

Registration and Faculty Desk

The Registration and Faculty Desk will be located on Level 1 of the Vienna Marriott Hotel and will operate during the following hours:

Thursday, November 16 – 08:00–20:00 Friday, November 17 – 08:00–19:30 Saturday, November 18 – 08:30–16:30

Your name badge is included in your personal congress kit. Please wear your badge during all sessions and social events.

Exhibition Opening Hours

The exhibition is located in Foyer II on Level 1 of the Vienna Marriott Hotel and will be open during the following hours:

Thursday, November 16 – 16:30–20:00 Friday, November 17 – 10:00–16:30 Saturday, November 18 – 10:30–14:30

Welcome Reception

The Congress Welcome Reception will be held on Thursday, November 16, at 18:45 in the Exhibition Area. All registered participants are invited to join us!

WiFi

WiFi will be available in all congress areas:

Username: Marriott_Conference Password: BQNOV2017

Safety and Security

Please do not leave any bags or other personal belongings unattended at any time, whether inside or outside the session halls.

Photography and Recording Policy

Participants are asked to be respectful of their colleagues by turning off all cell phones and PDA devices before entering the session hall.

Liability

The Congress Secretariat and organizers cannot accept liability for personal accidents, loss of, or damage to private property of participants, either during or directly arising from the ISFP Congress. Participants are expected to make their own arrangements for health and travel insurance.

GENERAL INFORMATION (CONT.)

Certificate of Attendance

All registered participants will receive an email containing a username and password following the congress.

Participants will be asked to log in with their username and password on a special link via the congress website.

Once logged in, your certificate of attendance will be available for download.

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All registered participants will receive an email after the congress with a username and password. Participants will be asked to complete their CME accreditation form online by logging in with their username and password on the congress website. Once the CME form is completed and submitted online, your accreditation certificate and points will be available for download.

For more information regarding CME accreditation, please see pages page 7 of the program book.

Speakers' Presentations

Speakers are requested to visit the technician in the speakers' corner no later than one hour prior to the session for which they are scheduled to speak and upload their presentation.

Poster Presentations

The Poster Area *kindly supported by* is located in **Ballroom D**. Posters should be mounted by Thursday, November 16, at 18:00, and must be dismantled no later than the lunch break on Saturday, November 18, 2017. The Congress Organizer will not be responsible for posters that are not removed on time. Poster presenters should plan to be beside their posters to answer questions during the breaks as scheduled in the program. Please check your poster number in this Congress Program Book.

Abstracts

All abstracts from the scientific program have been posted on the ISFP Society website (www.isfp-fertility.org). Abstracts will be available for online viewing for the duration of the congress and for an extended period of at least 12 months.



CME-Congresses Ltd. is the official Congress Organizer of the ISFP Congress. For more information please contact us:

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ISFP OUTSTANDING BASIC SCIENCE AND CLINICAL ABSTRACT AWARDS

The International Society for Fertility Preservation (ISFP) committee will choose the top three basic science and the best three clinical case presentations out of all abstracts accepted for the ISFP Congress.

These six abstract awards will be announced and presented during the Closing Session of the congress, to be held on Saturday, November 18, at 15:50.



ABOUT THE INTERNATIONAL SOCIETY FOR FERTILITY PRESERVATION (ISFP)



The International Society for Fertility Preservation is an international nonprofit organization, wholly independent of government.

The International Society for Fertility Preservation was founded upon the guiding principles of integrity and diversity of all international societies. Its role is to lead and promote progress in fertility preservation by international cooperation and collaboration. The ISFP is dedicated to scientific innovation and advances in medical care in the field of fertility preservation.

The ISFP will endeavor to 1) facilitate networking between scientists and clinicians worldwide; 2) advocate patient rights and educate the public as well as medical professionals; 3) share current knowledge and new discoveries through the ISFP website, the ISFP World Congress, and various workshops; 4) promote multidisciplinary collaborative research; 5) develop a consensus and guidelines on fertility preservation; and 6) serve and unite communities.

ISFP Activities

Supports scientists

Supporting excellence and scientific progress in the field of fertility preservation is at the heart of the society's work.

Encourages research

The society encourages clinical science and research activities in reproduction in the context of fertility preservation for patients at risk of premature gonadal failure.

Provides scientific advice

The society can provide physicians and scientists with independent and objective scientific advice on a wide range of issues. This advice is based on the latest evidence from global experts in the field.

Holds meetings and events

Every other year, the ISFP holds its official symposium. The society's inaugural event was held in Brussels in December 2009. The aim is to bring together leading scientists to discuss new and exciting developments in fertility preservation.

Promotes international relations

The ISFP collaborates with ESHRE (European Society for Human Reproduction and Embryology) and ASRM (American Society for Reproductive Medicine), as well as special interest groups on fertility preservation. The ISFP organizes events to showcase outstanding worldwide research and encourages international scientific collaboration.

Rewards achievement

Outstanding scientific achievement is recognized through prizes awarded by the ISFP at its biennial meeting.

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INDUSTRY SYMPOSIUM - MSD SESSION

FRIDAY, NOVEMBER 17, 2017 **INDUSTRY SYMPOSIUM (MSD)**

11:00-11:20 Ovarian Stimulation in a Freeze-All Setting Michel De Vos, Belgium

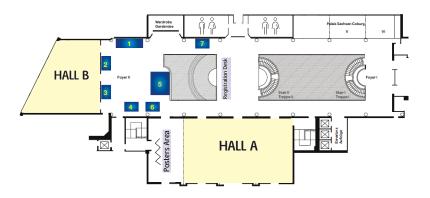
11:00-11:20



Exhibition Opening Hours

| Thursday, November 16 | 16:30-20:00 |
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| Friday, November 17 | 10:00-16:30 |
| Saturday, November 18 | 10:30-14:30 |

General Floorplan



List of Exhibitors

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| IVI | 1 |
| Life Global / IVF Online LLC | 4 |
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| Planer | 3 |
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Gedeon Richter Plc. (www.richter.hu), headquartered in Budapest, Hungary, is a major pharmaceutical company in Central Eastern Europe, with an expanding direct presence in Western Europe. Having reached a market capitalization of EUR 3.3 billion (US\$ 3.6 billion) by the end of 2015, Richter's consolidated sales were approximately EUR 1.2 billion (US\$ 1.3 billion) during the same year. The product portfolio of Richter covers many important therapeutic areas, including Women's healthcare, central nervous system, and cardiovascular areas. Having the largest R&D unit in Central Eastern Europe, Richter's original research activity focuses on CNS disorders. With its widely acknowledged steroid chemistry expertise, Richter is a significant player in the Women's healthcare field worldwide. Richter is also active in biosimilar product development.

On June 30th, 2016, Richter announced the acquisition of Finox Biotech, a biopharmaceutical company with corporate headquarters in Burgdorf, Switzerland. Finox Biotech was founded in 2007 with a vision to become a leading company in the field of fertility therapies, by combining high quality Swiss medicines with innovative and award winning delivery devices.

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The 6th World Congress of the International Society for Fertility Preservation (ISFP)





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