



Final Program

Recent Developments in The Transmission of Human Life

19-21 January 2023
Berlin, Germany



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OVERVIEW

Assisted human reproduction has undergone extraordinary developments, but with a possible slowdown in the recent years. This reduction in progress is rooted in several distinct causes: a markedly unfavorable economic situation caused by a shortening in the practical duration of patents, a greater severity of control bodies supervising the authorization of product licenses, stricter ethical requirements for clinical studies; and marked increases in costs associated with conducting randomized controlled trials (RCT) to evaluate new procedures or treatments. Such difficulties can prevent young researchers from accessing funds for their ideas, because public grants cannot meet the costs necessary for developments or companies cannot finance ideas instead of products. In the present scenario, procedures driven by meta-analyses triumph and suppress novel ideas for the betterment of the human condition. Meta-analysis experts rise to leadership positions in medicine and those intuitive talents - who are needed more than ever for the advancement of medical science - are lost. The conference will take stock of our medical discipline and provide a much-needed update on new products and ideas that impact on reproductive medicine and surgery.

LEARNING OBJECTIVES

- Understand the morphological and biochemical events of endometrial proliferation and differentiation
- Clarify the importance of timing and decidualization in human endometrial differentiation and embryo implantation
- Clarify the role of progesterone in both implantation and ongoing pregnancy. Is there an extra pelvic role of progesterone?
- Focus on the uterine obstacles to embryos implantation into the endometrium, on ectogenesis and on recent advances and developing models
- Establish what are the most medical and surgical efforts to counteract the progression of endometriosis
- Build up a body of knowledge on the best practices in managing reproductive cancer care in the prospective of reproduction

TARGET AUDIENCE

Fertility specialists, endocrinologists, gynecological surgeons, midwives and nurses

LANGUAGE

English

SCIENTIFIC ORGANISERS

Carlo Bulletti

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CME PROVIDER

Scientific Seminars International Foundation

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CONTINUING MEDICAL EDUCATION

The “**Recent Developments on the Transmission of Human Life, Berlin, Germany, 19/01/2023- 21/01/2023**” has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with **16 European CME credits (ECMEC®s)**. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME® credit to AMA credit can be found at www.ama-assn.org/education/earn-credit-participation-international-activities.

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For registration, accommodation and any logistic inquiry, please contact:

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Leuven, Belgium

SCIENTIFIC PROGRAM

THURSDAY, 19 JANUARY 2023

12.00		Welcoming Lunch
12.45		Opening C. Bulletti (Italy)
		Welcome J. Sehouli (Germany)
		Introduction D. De Ziegler (France), S. Guller (USA)
13.00		Mechanisms of cyclical endometrial proliferation, differentiation, and menstrual bleeding...Why? H. Critchley (UK)
13.25		Overview on the new 10 million babies born in the last 50 years by ART. How to prospectively manage human fertility A. B. Pinborg (Denmark)
13.50		Q&A
		PART I BASIC SCIENCE AND CLINICAL ASPECT OF ENDOMETRIAL RECEPTIVITY AND IN VITRO PROLONGATION OF EMBRYO-FETAL DIFFERENTIATION
		SESSION I The endometrium Chairs: H. Critchley (UK), A. B. Pinborg (Denmark)
14.00		Overview on diagnostic power of diagnostic tools used to establish endometrial adequacy for implantation C. Bulletti (Italy)

LEGEND



Lecture;



Q&A;



Remotely connected;



Round Table;



Closing Remarks

14.25



Eutopic and ectopic endometrium. What the differences are and how to control their proliferation and differentiation to optimize the function and to counteract disfunction

L. Aghajanova (USA)

14.50



Human embryo implantation: from basic science to clinical applications

J. Aplin (UK)

15.20



Q&A

15.30

Coffee break

SESSION II

Extending embryo development, implantation models, inflammation, and molecular pathways

Chairs: C. Bulletti (Italy), N. Rivron (Austria)

16.00



Human blastoids model blastocyst development and implantation

N. Rivron (Austria)

16.25



How to extend embryo development in vitro: what are future chances for ectogenesis?

B. Oldak (Israel)

16.50



Inflammation and pregnancy: the role and regulation of placental macrophages

S. Guller (USA)

17.25



Novel molecular pathway interventions in endometriosis

G. Krikun (USA)

17.50



Q&A

18.00

End of Day 1

FRIDAY, 20 JANUARY 2023

SESSION III

Endometrial adequacy for embryo nidation: clinical approach

Chairs: D. De Ziegler (France), R. Pierson (Canada)

09.00



How to manage the thin endometrium after adequate stimulation to optimize embryo nidation

M. Ferrando Serrano (Spain)

09.25



The gold standards of embryos implantation and ongoing pregnancy with special focus on endometrial adequacy

A. Borini (Italy)

09.50



How to manage difficult embryo transfer

P. E. Levi Setti (Italy)

10.15

Coffee break

10.50



Endometrial preparation for delayed embryo transfer.

Synchronization with: Pills, GnRH, Progestins etc.

Facts and Opinions

F. M. Ubaldi (Italy)

11.15



**Luteal phase inadequacy: is it an existing clinical feature?
Is the progesterone resistance part of this entity?**

J. Franasiak (USA)

11.40



What is the balance of implantation failure due to embryo competence versus endometrial receptivity? Result of extrapolation analysis

P. Pirtea (France)

12.10



Q&A

12.30

Lunch

SESSION IV

A - Progesterone

Chairs: L. Aghajanova (USA), J. Horcajadas (Spain)

13.30



Progesterone at the trigger and progesterone during LP of FET. The bottom line

G. Gennarelli (Italy)

13.55



The endometrium during COH: what ongoing parameters are indicating to postpone embryo transfer?

C. Alviggi (Italy)

14.20



Progesterone supplementation of luteal phase in ART cycles: classical versus innovative routes of administration

J. Horcajadas (Spain)

14.45



Q&A

15.00

Coffee break

B - Uterine Abnormalities in Implantation Failures

Chairs: L. Aghajanova (USA), R. Pierson (Canada)

15.30



Abnormal uterine cavity assessment, classification, and treatments. What are evidence of results?

J. Bosteels (Belgium)

15.55



Polyps and embryo implantation

R. Palermo (Italy)

16.20



Myomas and embryo implantation

M. Guido (Italy)

16.45



Endometritis and embryos implantation

A. Palagiano (Italy)

17.10



Q&A

C - The New Algorithms in The Art Development

Chairs: M. Ferrando Serrano (Spain), F. M. Ubaldi (Italy)

17.20



Ultrasound Imaging Based Analytics for assessment of endometrial receptivity in ART



R. Pierson (Canada)

17.40








Endometrial live imaging analysis

T. Kolatt (Israel)

18.00		It is possible to develop a non-invasive screening tool to help and anticipate the diagnosis of endometriosis H. S. Taylor (USA)
18.20		Q&A
18.40		End of Day 2

SATURDAY, 21 JANUARY 2023

		PART II ENDOMETRIOSIS AND FERTILITY PRESERVATION IN GENITAL TRACT CANCER
		SESSION V Endometriosis
		Chairs: D. De Ziegler (France), F. Petraglia (Italy)
09.00		Do we have a validated etiopathogenesis after almost 100 years from Samson Theory? F. Petraglia (Italy)
09.20		Future biomarkers/new treatments for endometriosis A. Vanhie (Belgium)
09.40		What are the most effective ways of maximizing and/or maintaining fertility in women with confirmed or suspected endometriosis? D. De Ziegler (France)
10.00		What are the outcomes and/or success rates for surgical or medical treatments that aim to cure or treat endometriosis rather than manage it? P. R. Koninckx (Belgium)
10.20		General Discussion
10.40		Coffee break

11.00



ROUND TABLE

**What is the most effective way of stopping endometriosis progression and/or its spreading to other organs?
ESHRE guidelines: progress or defeat?**

D. De Ziegler (France), D. Dimitrova (Germany), P. R. Koninckx (Belgium),
F. Petraglia (Italy), A. Vanhie (Belgium)

12.30

Lunch

SESSION VI

Preservation of Fertility in Gynecological Oncology

Chairs: G. Dinoi (Italy), P. Mathevet (Switzerland)

13.30



Laparoscopy and ovarian cancer: how far can we go?

C. Pomel (France)

13.55



Preservation of fertility in cervical carcinoma

P. Mathevet (Switzerland)

14.20



Preservation of fertility in uterine carcinoma

G. Dinoi (Italy)

14.45



Preservation of fertility in ovarian border-line tumors

R. Tozzi (Italy)

15.10



Q&A

15.30



Closing remarks

C. Bulletti (Italy), D. De Ziegler (France)

16.00

Closing of the conference

FACULTY DISCLOSURES

Scientific Seminars International Foundation adheres to guidelines of the European Accreditation Council for Continuing Medical Education (EACCME®) and all other professional organizations, as applicable, which state that programs awarding continuing education credits must be balanced, independent, objective and scientifically rigorous. Investigative and other uses for pharmaceutical agents, medical devices and other products (other than those uses indicated in approved product labelling/package insert for the product) may be presented in the program (which may reflect clinical experience, the professional literature or other clinical sources known to the presenter). We ask all presenters to provide participants with information about relationships with pharmaceutical or medical equipment companies that may have relevance to their lectures. This policy is not intended to exclude faculty who have relationships with such companies; it is only intended to inform participants of any potential conflicts so that participants may form their own judgements, based on full disclosure of the facts. Further, all opinions and recommendations presented during the program and all program-related materials neither imply an endorsement nor a recommendation on the part of Scientific Seminars International Foundation. All presentations represent solely the independent views of the presenters/authors.

The following faculty provided information regarding significant commercial relationships and/or discussions of investigational or non-EMEA/FDA approved (off-label) uses of drugs:

- | | |
|----------------------|---|
| L. Aghajanova | Declared no potential conflict of interest. |
| C. Alviggi | Declared receipt of honoraria or consultation fees from Merck and Ferring and participation in Merck and IBSA Speaker's bureau. |
| J. Aplin | Declared no potential conflict of interest. |
| A. Borini | Declared no potential conflict of interest. |
| J. Bosteels | Declared no potential conflict of interest. |
| C. Bulletti | Declared no potential conflict of interest. |
| H. Critchley | Declared receipt of grants and contracts from the Medical Research Council Centre for Reproductive Health, from Biotechnology and Biological Sciences Research Council and, has received clinical research support for laboratory consumables and staff from Bayer AG. All grants paid to Institution. Receipt of honoraria or consultation fees: Bayer AG, Gedeon Richter, Vifor Pharma UK Ltd,; Myovant Sciences GmbH (paid to institution) and has received royalties from UpToDate for article on abnormal uterine bleeding. Member |



of an Industry advisory board, board of directors or other similar group; declared to have provided consultancy advice as member of Advisory Board for Bayer AG, Myovant Sciences GmbH. HC is a member of the Wellbeing of Women Research Advisory Committee; Borne Scientific Advisory Board; and, is Chair, Scientific Advisory Board, Centre for Trophoblast Research, University of Cambridge.

- D. De Ziegler** Declared no potential conflict of interest.
- D. Dimitrova** Declared no potential conflict of interest.
- G. Dinoi** Declared no potential conflict of interest.
- M. F. Serrano** Declared receipt of grants and contracts from Merck Serono, Gedeon Richter of honoraria or consultation fees from Ferring, Organon, Theramex, IBSA.
- J. Franasiak** Declared no potential conflict of interest.
- G. Gennarelli** Declared no potential conflict of interest.
- M. Guido** Declared no potential conflict of interest.
- S. Guller** Declared no potential conflict of interest.
- J. Horcajadas** Declared receipt of honoraria or consultation fees from Overture Life, Clínica Tambre.
- T. Kolatt** Declared to be Employee and Stakeholder of Fertigo Medical Ltd.. and that his presentation will include discussion of off-labeled or otherwise non-approved uses of any product.
- P. R. Koninckx** Declared no potential conflict of interest.
- G. Krikun** Declared no potential conflict of interest.
- P. E. Levi Setti** Declared receipt of grants and contracts from Merck Serono, Ferring, Organon.
- P. Mathevet** Declared no potential conflict of interest.
- B. Oldak** Declared no potential conflict of interest.
- A. Palagiano** Declared no potential conflict of interest.
- R. Palermo** Declared no potential conflict of interest.

F. Petraglia	Declared no potential conflict of interest.
R. Pierson	Declared no potential conflict of interest.
A. B. Pinborg	Declared receipt of grants and contracts from Ferring, Gedeon Richter, Merck, and honoraria or consultation fees from Ferring, Gedeon Richter, Merck and Organon. Declared to be a member of an Industry advisory board, board of directors or other similar group: Ferring, Gedeon Richter, Cryos.
P. Pirtea	Declared no potential conflict of interest.
C. Pomel	Declared receipt of honoraria or consultation fees from GSK, MSD, Roche, Clovis, Pharmamar.
N. Rivron	Declared no potential conflict of interest.
J. Sehouli	Declared receipt of honoraria or consultation fees from TESARO, GlaxoSmithKline, PharmaMar, AstraZeneca, Clovis, Bayer, Roche Pharma and to be a Member of an Industry advisory board, board of directors or other similar group: TESARO, Merck, Pfizer, Eisai, Novocure, GlaxoSmithKline, Pharma Mar, Clovis, AstraZeneca, Roche Pharma, MSD.
H. S. Taylor	Declared no potential conflict of interest.
F. M. Ubaldi	Declared to be the scientific director of GeneraLife and minority shareholder of the company. Declared receipt of honoraria or consultation fees from Merck, Merck Serono, EMD Serono, Origio, MSD, Ferring, IBSA, Gedeon Richter, Cooper Surgical, Cook.
A. Vanhie	Declared receipt of honoraria or consultation fees from Ferring and Merck.

The following faculty have provided no information regarding significant relationship with commercial supporters and/or discussion of investigational or non-EMEA/FDA approved (offlabel) uses of drugs as of 20 December 2022:

R. Tozzi

SCIENTIFIC ORGANISERS

Carlo Bulletti



Graduated in Medicine and Surgery in 1978 from the University of Bologna, Italy. In 1982 he specialized in Gynecology and Obstetrics at the University of Siena. His professional experience took place in Bologna, at the Mount Sinai Medical Center in New York, in Ljubiana (ex-Yugoslavia), Los Angeles (University California Irvine) and Paris. He is currently a researcher and professor of Reproductive Physiopathology at the University of Bologna at the Rimini campus. He was Adjunct Associate Professor at New York Medical Center (CUNY) until 2006. He is currently Adjunct Associate Professor at Yale University. Author of two experimental models: that of the extracorporeal perfusion of the human uterus (with the first implantation of an embryo in a uterus outside of a human body) and the first uterine passage of hormones administered vaginally "First Pass Effect" (FUPE). He has published 15 medical books, over 180 journal articles and over 130 medical book chapters. He is an expert in uterine physiology and pathology, steroid hormones and reproductive science. His research today is focused on human endometrium, embryonic implantation and endometriosis. Scientific director of the Master of Reproductive Science at the University of Urbino (Italy) in the years 2013-2014. He is a predominantly laparoscopic surgeon with over 9500 operations performed and is currently Director of the Reproductive Physiopathology Unit at the Cervesi Hospital in Cattolica (ASL Vasta Area di Romagna - AVR). His teaching and research activities can be found at the Department of "Science of the Quality of Life" of the Scientific Didactic Center of Rimini of the University of Bologna in Rimini (Italy).

Dominique De Ziegler



Dominique de Ziegler was trained in obstetrics gynecology in the United States, at the University of California at Los Angeles (UCLA), graduated from the American Board of Obstetrics and Gynecology and Reproductive Endocrinology. In Paris, Dominique de Ziegler was Associate Professor in the department of Professor René Frydman at Hôpital A Béclère.

Professor de Ziegler went on to lead the research and development of an American biotechnology company, Columbia Laboratories. Professor de Ziegler also directed reproductive medicine at the University Hospitals of Lausanne and Geneva in Switzerland and then at Cochin Hospital in Paris from 2007 to 2017.

Since June 2017, Dominique de Ziegler has been a university consultant in the Obstetrics Gynecology department of the Foch Hospital directed by Prof. Jean Marc Ayoubi. He works in collaboration with Professors Philippe Bouchard and René Frydman and Doctor Marine Poulain. He is also professor emeritus at the University of Paris Ouest.

Professor de Ziegler is the author of more than 230 articles referenced on the academic site PubMed and numerous book chapters. He is a member of the editorial board of the journal Fertility and Sterility. He is a guest speaker at many international medical conferences, including COGI meetings and the In Vitro Fertilization Congress at the University of California at San Diego.



Seth Guller

Professor Guller has directed a research laboratory for the last 30 years and published more than 100 peer-reviewed papers in the areas of glucocorticoid action, placental pathophysiology in preeclampsia (PE) and intrauterine growth restriction (IUGR), placental immune function, and the biology of extracellular matrix proteins. In the last nine years Professor Guller served on 20 NIH Study Section Panels including Special Emphasis Review Groups, HED-1, and PN Panels, and was a permanent member of the NICHD Obstetrics and Maternal-Fetal Biology Subcommittee from 2013 to 2016.

Professor Guller served on the editorial board of *The Journal of Clinical Endocrinology & Metabolism* and the advisory board of *The American Journal of Obstetrics and Gynecology*. He trained approximately 40 fellows, residents and students. The major research focus of his laboratory has been and remains placental pathophysiology and placental-fetal immunology in pregnancies complicated by PE, IUGR, and preterm birth. Professor Guller laboratory's specific strength is the development of novel culture methodologies and use of human placental-derived primary cell cultures and cell lines including Hofbauer cells (HBCs), cytotrophoblasts, and syncytiotrophoblasts. These methodologies have facilitated recent studies on the role of HBCs in innate immune function. He also has significant experience in analysis of placental mRNA and protein expression in tissues obtained from adverse pregnancy outcomes.

Professor Guller current studies using siRNA and function-perturbing antibodies in the analysis of placental cell function are directed towards elucidating mechanisms regulating responses to infection and broader studies examining the immunology of pregnancy.

FACULTY



Lusine Aghajanova

Dr. Lusine Aghajanova is double board certified in Obstetrics and Gynecology and in Reproductive Endocrinology and Infertility. Dr. Aghajanova's medical interests include endometrial aspects of fertility, assisted reproduction and disparities in fertility knowledge and access to care. Dr. Aghajanova is widely renowned for her unique focus on endometrial health in reproductive endocrinology and infertility.

Dr. Aghajanova received her medical degree from Yerevan State Medical University in Armenia, followed by residency in obstetrics and gynecology, then completed PhD in Human Implantation at Karolinska Institute, Stockholm, Sweden. She also had an embryology training at Karolinska Institute. Subsequently, Dr. Aghajanova completed residency in Obstetrics and Gynecology at Baylor College of Medicine, Houston, Texas and at University of California San Francisco with subsequent high intensity Reproductive Endocrinology and Infertility fellowship training at UC San Francisco.

Currently Dr. Aghajanova a Clinical Assistant Professor of Obstetrics & Gynecology - Reproductive Endocrinology & Infertility at Stanford University and practices full spectrum of reproductive endocrinology and infertility care at Stanford fertility clinic, including assisted reproductive technologies and reproductive surgeries. She serves as the Director of the Endometrial Health Program and Third Party Reproduction Program for the Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynecology at Stanford University School of Medicine. She is also an Assistant program Director for REI Fellowship at Stanford. Dr. Aghajanova is a respected researcher in the field of endometrial receptivity, implantation and endometriosis, as well as clinical outcomes of fertility treatment and access to care. Dr. Aghajanova speaks Russian and Armenian among other languages and is very well published with over 70 peer-reviewed publications as well as numerous oral and poster presentations. She is active in research and is an active peer-reviewer for over 12 professional journals, she is currently as Associate Editor for Human Reproduction, and serves on Editorial Board for Fertility and Sterility Reports and for JARG.



Carlo Alviggi

Carlo Alviggi earned his MD degree in 1994, from the Faculty of Medicine of the University of Naples "Federico II" in Naples, Italy; he specialized in obstetrics and gynaecology in 1998, and gained a PhD in 2001, from the same university. During his career, he collaborated with: The Imperial College of London, in London, UK; the Laboratory of Immunology of the Italian National Research Council in Naples; and the Autoimmunity and Tolerance Laboratory of the University of California in Los Angeles, CA, USA. This network resulted in various publications, some of which concern new hypotheses on the pathogenesis of pelvic endometriosis. He is now an associate professor in reproductive medicine at the Fertility Unit of the University of Naples "Federico II". Professor Alviggi's current research interests are the role of luteinizing hormone (LH) in folliculogenesis; the use of LH-containing drugs in patients undergoing ovarian controlled stimulation for IVF; the pathogenesis of pelvic endometriosis; oncofertility; reproductive endocrinology; and the genetics of human reproduction. He has participated in several national and international (phase 2 and 3) multicentric, prospective randomized trials. Professor Alviggi has published extensively (over 100 publications indexed in Scopus) and has been invited to lecture at over 300 international meetings dealing with reproductive medicine and gynaecological endocrinology; he has also served as an ad hoc reviewer and editor for international journals in these fields. He is co-founder and coordinator of POSEIDON Group (Patient Oriented Strategies Encompassing Individualized Oocyte Number) created in 2015, envisaging discussing and elaborating practical solutions about the diagnosis and management of Low Prognosis Patients undergoing Assisted Reproductive Technology. Since 2020 he is vice president of SIFES (Società Italiana di Fertilità e Sterilità e Medicina della Riproduzione) and member of special interest group on infertility (GISS) of SIGO (Società Italiana di Ginecologia Ostetricia).



John Aplin

John is a long-standing group leader who has been researching and teaching the basic biology of embryo implantation and placental development, with a main focus on the human. Endometrial receptivity, the early dialogue with the blastocyst and ongoing trophoblast development have been continuing themes in the Manchester group's work. Most recently he and his colleagues have been following insights gained from the use of endometrial organoids and trophoblast stem cells, and the effect of biochemical stress on peri-implantation processes. He has also been interested in progress towards a test that uses computational tools to analyse the molecular makeup of endometrium to predict the likelihood of successful implantation after embryo transfer.



Andrea Borini

Andrea Borini is Clinical and Scientific Director at Tecnobios Procreazione, Centre for Reproductive Health, Bologna, Italy and Scientific Director of 9.Baby Fertility Network, Italy.

After completing his MD degree at the University of Bologna in 1986, Dr. Borini obtained his specialization degree in Obstetrics and Gynaecology from the same institution in 1991. During this time, he was also a Research Fellow at the University of California Irvine, Irvine, California (1989–1991), working with the équipe of Prof. Ricardo Ash in the “Center for Reproductive Health”.

He attained at University of Padova, Padova, Italy a Master’s degree in: Andrology (I level in 2008 and II Level in 2009) and Reproductive Medicine (II level in 2010). Since 1983, until 1992 he has attended the Reproductive Physiopathology Service managed by Prof. Carlo Flamigni, working on metabolism of steroids hormones, endometrium carcinoma, menopause related issues, creation of the spermental model of extracorporeal perfusion of a human uterus, artificial reproduction techniques. In 1986, he was a member of the reasearch programme supported by University of Bologna “Endometrial modifications induced by in vitro oestrogens”.



Jan Bosteels

Jan Bosteels, MD, PhD is the Head of department of Obstetrics and Gynecology of the Imelda hospital, Bonheiden, Belgium. He is a general gynecologist with special interest in reproductive surgery. He is editor of the Cochrane Gynecology and Fertility Group, member of Cochrane Belgium and member of the Centre for Evidence-based Medicine, Leuven, Belgium. He has authored several systematic reviews, including 4 Cochrane systematic reviews. He is scientific collaborator of the department Development and Regeneration, Faculty of medicine KU Leuven and visiting professor department Development and Regeneration at the university of Ghent, Belgium. He has authored 85 peer reviewed publications and given many lectures worldwide mainly on the effectiveness of reproductive surgery for improving reproductive outcomes. The past years he has been involved in designing and conducting RCTs on the effectiveness of vNOTES surgery for benign gynecological disease.



Hilary Critchley

Professor Hilary Critchley has held a Personal Chair in Reproductive Medicine at the University of Edinburgh since 1999. She is Head of Deanery of Clinical Sciences at the University of Edinburgh; Co-Director, MRC Centre for Reproductive Health and Consultant Gynaecologist at the Royal Infirmary, Edinburgh. Her research focuses on improving the understanding of the complex basic science of the uterine endometrium and the clinical management of gynaecological complaints with major impacts on women's quality of life, including heavy menstrual bleeding. She is the current Chair of the FIGO Committee for Menstrual Disorders and Related Health Impacts. Her expertise in this field has national and international recognition. She is a Fellow of the UK Academy of Medical Sciences and Fellow of the Royal Society of Edinburgh. In 2021, she was elected as an International Member of the US National Academy of Medicine. Hilary is committed to seeing research in women's health maintain a critical mass, so it achieves a prominent position in the national/global health funding arena.



Desislava Dimitrova

Doctor Desislava Dimitrova works since 2010 as a gynecologist and since 2012 at the Department of Gynecology with Center of Oncological Surgery, Charité, Campus Virchow-Klinikum in Berlin. Her research topic includes fertility preservation by patients with oncological diseases and endometriosis. As part of her clinical expertise she consults patients with endometriosis under the supervision of Prof. Sylvia Mechsner, who is head of the Endometriosis Center at Charité Berlin.



Giorgia Dinoi

Dr. Giorgia Dinoi works in the Department of Gynecology Oncology directed by Prof. Giovanni Scambia at A. Gemelli University Hospital in Rome. Her major clinical and research activities lie on uterine cancer and, during her fellowship at Mayo Clinic in Rochester, Minnesota, she dedicated full time to endometrial cancer research. She is currently completing a II level University Master's degree on Minimally Invasive Gynecological Surgery, particularly focusing on the fertility sparing management in endometrial cancer.



Marcos Ferrando Serrano

Since 2011 Professor Ferrando Serrano is Medical Manager at IVI Bilbao. He is collaborating as tutor practices in:

- Master's Degree in Human Reproduction of IVI and Rey Juan Carlos University
- Faculty of Medicine of UPV, Basque Country University

Professor Ferrando Serrano publications' activity consists of several articles in national and international journals, author of many book chapters, and numerous communications to congresses.

He participates, as researcher and collaborator in clinical trials and biomedicine studies of national and international character.

Professor Ferrando Serrano received in 2014 a Master's degree in Clinical and Medical Management. UNED and a Master's degree in Endoscopic gynecological surgery. University of Valencia in 2010.

He specialized in Gynaecology and Obstetrics at the Hospital La Fe, Valencia in 2007 and received a Master's degree in Human Reproduction. University Complutense Madrid in 2006.

In 2002 got his Medical License. Medicine and Surgery at the University of Valencia.



Jason Franasiak

Dr. Jason Franasiak, MD, FACOG, HCLD/ALD (ABB) is an attending physician at Reproductive Medicine Associates of New Jersey where he serves as lead physician and high complexity laboratory director of the embryology and andrology labs at the Marlton office, Assistant Professor at Thomas Jefferson University in the Department of Obstetrics and Gynecology, Clinical Assistant Professor at Rutgers Robert Wood Johnson Medical School, and Medical Director for the Liberty Corner Ambulatory Surgical Center at Marlton. He received his undergraduate degree from The College of William and Mary and medical degree from the University of Virginia graduating summa cum laude along with being named to the Phi Beta Kappa and Alpha Omega Alpha academic societies. Dr. Franasiak is regularly invited to speak at the regional, national, and international level and has authored and contributed to nearly 200 peer reviewed publications, published chapters, and abstracts. He serves as the editor of a textbook on recurrent implantation failure, on the Editorial Board for Fertility and Sterility and the British Journal of Obstetrics and Gynecology and has served on the executive board of the Society for Reproductive Endocrinology and Infertility.



Gianluca Gennarelli

After obtaining his PhD in Reproductive Endocrinology at Uppsala University in 1998, Dr Gianluca Gennarelli moved to Department of Obstetrics & Gynecology of Turin University. He is Director of the Unit of Reproductive Medicine - IVF and Head of the Unit of Gynecological Endocrinology at the Department of Obstetrics and Gynecology University of Torino – Italy. He is Senior Consultant in the Medical Board of Genera-Life Clinics. He is/has been Member of the Regional Advisory Board in Reproductive Medicine, Member of the board of the Italian Society of Reproductive Medicine (2014-2019), ESHRE National Representative (2017-2020), Advisor of the Italian National Register for ART, member of the ESHRE SIG in Reproductive Endocrinology, Associate Editor of Human Reproduction (2005-8) and of Human Reproduction Update (2011-14). His main research interests are in the field of female infertility, PCOS, obesity and insulin resistance, endometriosis, fertility preservation.

Author of 70 peer reviewed articles, co-author of 7 textbooks, author 3 monographs.



Maurizio Guido

Born in Cosenza, Italy, on September 14, 1965. Graduated in Medicine and Surgery in 1989 at the University of Bologna, Italy. Post graduate Specialization in Gynecology and Obstetrics in 1994 at the Catholic University of the Sacred Heart, Rome, Italy. PhD in Obstetrics and Gynecological Sciences in 2001 at "La Sapienza" University, Rome, Italy. Assistant Professor in Gynecology and Obstetrics at the Catholic University of the Sacred Heart in Rome, Italy. June 1998-September 2009; April 2010-October 2013, Medical Doctor of the Gemelli Hospital in Rome, Italy. September 2009-March 2010 Director of the Gynecology and Obstetrics Unit of the Abano Terme Hospital (Padova) Italy. November 2013-October 2020 Director of the Gynecology and Obstetrics Unit and Director of the Maternal and Child Department of the Regional Hospital "F. Miulli" of Acquaviva delle Fonti (Bari), Italy. October 2018 Team Leader and member of the Medical Board of the Palestinian Children Release Foundation (PCRF) as part of a minimally invasive surgery training project for Palestinian doctors. November 2020 Full Professor of Gynecology and Obstetrics at the L'Aquila University and Director of the Gynecology and Obstetrics Unit at the San Salvatore Hospital, L'Aquila, Italy. November 2020 Director of the Post Graduate Specialization School of Gynecology and Obstetrics of the University of L'Aquila, Italy. Scientific and clinical activities are mainly focused on the field of Human Reproduction and Assisted Reproduction Techniques; Gynecology Endocrinology; Endometriosis and Pathologies of Pregnancies. He has extensive experiences in techniques of minimally invasive surgery in gynecology with about 6500 surgical interventions of benign, oncological and urogynecology gynecological pathologies both in laparoscopic and laparotomic surgery. He has been taught at the Catholic University of the Sacred Heart in Rome from 2002-2020. He was a member of the Board of Directors of the Italian Society of Fertility and Sterility (SIFES) and is a member of the Italian Society of Gynecology (SIGO) and the Association of Italian University Gynecologists (AGUI).



José Horcajadas

Dr. José A. Horcajadas is a Scientist with a large experience in research in Reproductive Medicine. He is PhD in Molecular Biology and Biochemist and Full Assistant Professor at the University Pablo de Olavide of Seville. He is also founder of several companies such as SINAÉ, Recombine, Fullgenomics, Overture Life or HoMu Health Ventures. He has focused his investigations mainly in Genetics and he developed several molecular tests to analyze the endometrial receptivity in women. He has published more than 80 original articles, books and book chapters, including 58 papers in international journals with impact factor. He has been invited to more than 150 international and national lectures and has participated in more than 100 oral/poster presentations in international and national congresses.

Tsafir Kolatt



Tsafir Kolatt is a co-founder and the CEO of Fertigo Medical, a company devoted to increase the success rate in In-vitro Fertilization procedures. Prior to that Kolatt has led a few medical device and bio-medical companies, private and public, where he developed and brought to market new, successful devices for both therapy and diagnosis. Dr. Kolatt got his Ph.D. in theoretical astrophysics from the Hebrew University in Jerusalem and was a researcher at Harvard University and UCSC. Kolatt published a few books, dozens of scientific papers, issued patents and many popular articles. He won numerous scholarships and prizes for research, innovative product development, poetry and playwriting. He also serves as the chairperson of IYAR – the Israeli Institute for Advanced Research.

Philippe R Koninckx



Prof. Koninckx a primus perpetuus of classic Latin-Greek high school, received his medical education at the Facultés Notre Dame in Namur and graduated from the Katholieke Universiteit Leuven, where he trained for OBGYN. Subsequently he trained as an endocrinologist with a PhD on ovarian endocrinology and androgen production. As a student and later as a registrar he developed and introduced at KULeuven the radioimmunoassays of angiotensins, LH, FSH and prolactin. Clinically, he became board certified in nuclear laboratory medicine and was in charge for the routine hormone laboratory from 1978 till 1996. Reproductive medicine was the main clinical interest. He started the first menopause clinic on the continent in 1981 and became later in charge of infertility and MF. The rapid development of endoscopic surgery since 1986, first in infertility, and later in gynaecology shifted responsibilities to endoscopic surgery, laser laparoscopic excision of severe endometriosis being actually the main activity. Research interests always centered on endometriosis: related to the LUF syndrome, an NK cell related immunologic disease, deep endometriosis, and CO2 laser endoscopic excision, the baboon model in Kenya and the endometriotic disease theory emphasising that severe endometriosis is a benign tumour. New surgical instruments were developed, such as the high flow insufflator, the uterine rotator for hysterectomy and the camera auto-correcting for horizontality. Recently his fundamental research interest shifted to prevention of adhesion formation (with the addition of small amounts of oxygen to the pneumoperitoneum as key achievement) and to the genetic aetiology of endometriosis (Oxegene, Oxford). Academically he is a full professor of OBGYN and director of the centre for surgical technologies at KULeuven, a visiting professor, master of arts and honorary Consultant at the University of Oxford, UK and a visiting professor at the Università Cattolica del Sacro Cuore, Roma, Italy. He has been a board member of the AAGL (2001), of the ESGE and of the WOG. He is an editorial board member of the journal of Minimal Invasive gynaecology, (American Association Gynaecological Endoscopy), Human Reproduction, Gynaecological Surgery, and Fertility and Sterility. He is/was an advisor to the Endometriosis Association, a founding and board member of the ESGI (European Society Gynaecological Investigation 1994-2005), an honorary member of the Australian Endoscopy Society (1993), an honorary and founding member of the Indonesian Endoscopy Society (2000), and an honorary member of the SEGI (Italian endoscopy society). He recently is a co-founder of the initiative dedicated to give full information to patients and to perform surgery with full videotaping. Awards : Besides a series of research awards, he received in 2001 the 'Distinguished Surgeon Award' from the ASRM in Philadelphia for his contribution to endoscopic surgery.



Graciela Krikun

Since my PhD candidacy, I have explored a vast field of studies in Biochemistry and Reproductive Biology, and have published over 100 peer reviewed manuscripts, the latter of which were all on Reproductive Biology. Over the last 28 years I have worked with two chairmen of Ob/Gyn & Rep. Sciences. One of my main duties has been to help them write NIH grants, many of which were funded with myself as the co-PI. I have been moderator of several meetings including: 1) the American Society for Reproductive Immunology (2003). 2) Conference for the Uterus and Human Reproduction in 2004, and again in 2006. I have mentored medical students, residents and high school students who were selected for the Discovery to Cure program. I have trained and directed several technicians on protein and RNA analysis leading to a vast number of publications including the role of tissue factor in the pathophysiology of pregnancy and its involvement in endometriosis. I have explored various mechanisms that result in endometriosis including endocrine disruptors, epigenetic alterations, and the role of bone marrow derived stem cells. Lastly, I am currently involved on a project studying leiomyomas with Dr. Booth, a veterinary pathologist. We have discovered that leiomyomas highly express the CXCL12/CXCR4/CXCR7 axis in humans and nonhuman primates. I endeavor to use my skills to help women whose lives have been negatively affected by reproductive diseases.

Paolo Emanuele Levi Setti



Prof. Levi Setti graduated in Medicine and Surgery at the University of Milan School of Medicine in 1982 and was board certified in Obstetrics and Gynaecology at the same University in 1988. At the beginning of his career he was involved in the early developments of ultrasound imaging in obstetrics and gynaecology and more recently in the new applications of transvaginal and color flow technology. From 1977 to 1982 microsurgery and endoscopy were his main interest in the investigation and treatment of female infertility. Surgical applications in the animal model of new approaches to pelvic pathology were the first studies he published in literature. From 1985 to 1989 fetal blood sampling and prenatal diagnosis had a main role in his interest in research development. In this period he collaborated in many published studies in this area and one of the greatest experiences in the world was reported in the field of echographic surgery. Results of in vitro fertilization, implantation, intrauterine embryo transfer, assisted reproduction in sexually transmitted diseases, evaluation of the uterine cavity in infertile patients and cryopreservation, are the main aspects of his present day scientific interest. In 1984, together with a group of colleagues, he founded one of the first centres in Italy operating in assisted reproduction. From 1988 to 1996 Prof. Levi Setti chaired the infertility and assisted reproduction unit of the Dept. of Obstetrics and Gynaecology – S.Paolo Biomedical Institute – University of Milan School of Italy operating in assisted reproduction. He coordinated from 1989 to 1996 the first European centre for assisted reproduction for HIV serodiscordant couples. Since 1994 he is invited lecturer at the 1st postgraduate School in Obstetrics and Gynecology and he is invited lecturer in the graduate course of Obstetrics and Gynaecology – University of Milan, School of Medicine. Involved since the earliest development of endoscopy in gynaecology, he followed the evolution of this surgical approach performing, over 25 years of activity, more than 15.000 procedures and graduating an impressive number of fellows in this area. His Department has run for many years one of the largest ART programs in our country and in Europe. His research interest has, over the last few years, focused on the mechanisms of implantation, on the preservation of female and male fertility and on the complications and outcome of assisted reproduction. His Department performed the probably larger number of oocyte's freezing procedures in infertile patients in Europe and is now a recognized expert in fertility preservation in oncological and fertility deferring patients. He is author of more than 100 published articles, reviews and chapters in books. From 2004 Prof. Levi Setti collaborates with the Italian Ministry of Health in revising data of the National Medically Assisted Reproduction Register. In December 2010 he was nominated scientific coordinator of an experimental project for an ART Network in Lombardy County. Since 1996 Prof. Levi Setti works at the Humanitas Scientific Institute in Milan and is currently chair of the Department of Gynaecology and heads the Division of Gynaecology and Reproductive Medicine. In May 2011 he was appointed, for the period July 2011- June 2016, as Adjunct Professor at Yale University, School of Medicine. In June 2013 he supervised and is actually personally directing the Humanitas Fertility Center, where over 3.500 ART procures are annually performed.



Patrice Mathevet

Professor Patrice Mathevet is head of the Gynecology Service of the Woman-Mother-Child Department. He is also the medical respondent of the Center for Gynecological Tumors.

Born in 1960, Patrice Mathevet completed his medical and biology studies at the University Claude Bernard Lyon There he obtained his specialist qualification in gynecology-obstetrics (1990), which he completed with a certificate in clinical research methods and epidemiology (1991) and a Master's degree in human biology (1991). A stay at the MD Anderson Cancer Center in Houston (USA) as Visiting Professor Assistant (1992-1993) allowed him to work on carcinogenesis in relation to human papillomaviruses.

Back in Lyon, he continued with a diploma of advanced studies (DEA) in differentiation, genetics and immunology (1994) and a doctorate in science (2002), while working as a hospital practitioner in the Department of Prof. Dargent at the Edouard Herriot Hospital in Lyon. Patrice Mathevet crowned this course with an Habilitation to direct research in 2003, before being appointed in 2005 university professor (University of Lyon 1), hospital practitioner and head of the Breast Care Unit at the University Hospital of Lyon.

The scientist joined Lausanne in December 2012 as a visiting professor at UNIL and head physician at the CHUV's Gynecology Department, before being appointed by competition for the title of ordinary professor at UNIL and head of the CHUV's Gynecology Department. From October 1, 2013, the scientist brings with him his vast network of collaborations in Europe (Lyon, Paris, Genoa, Milan, Brussels, etc.) and across the Atlantic (New York, Houston, Quebec).



Bernardo Oldak

Dr. Bernardo Oldak studied medicine at Anahuac University in Mexico, where he started his research on psychomotor development in pediatric patients. Afterward, he started a specialization on research methods in health sciences and a master's degree, focusing on immunomodulation by helminths on inflammatory bowel disease. In 2019 he decided to move to the Weizmann institute to join Prof. Jacob Hanna to start a Ph.D. and focus on models to study mammalian development with ex-utero and synthetic approaches. Being a co-first author on a Nature paper describing methods for reproducible growth of mouse embryos ex-utero and participating in works for optimization of stem-cell culture and generation of synthetic mouse embryo models capable of reaching post-gastrulation stages.



Antonio Palagiano

Antonio Palagiano is one of the most renowned Italian experts in human reproduction. In 1990 he founded the Fertility Center of the 2nd University of Naples together with Prof. N. Ragucci with the creation of hundreds of births. He was Director of Villa Maria Fertility Center in Vico Equense first and of Sorrento Fertility Center at Clinica San Michele in Sorrento. He currently performs his surgeries and IVF cases at CFA in Naples, one of the largest IVF centers in southern Italy with over of 5000 babies born over the last ten years.

Doctor Palagiano graduated in 1981 from the University of Naples, after which he specialized in Obstetrics and Gynecology. He then moved to London – Guy's Hospital, University of London – and Bridge Fertility Center, developing extensive experience in infertility, hormonal disorders and assisted reproductive technology (ART) with Prof. G. Grudzinkas. He completed his training under the direction of Prof. M. Chapman of the University of New South Wales.

Thanks to his specific skills in the health, in 2008 he was elected honorable member to the Italian Parliament where he was President of the Commission on health errors. In 2013 he received from the Ministry of University and Scientific Research (MIUR) the national suitability for Associate Professor in Obstetrics and Gynecology.

His research and clinical interests include: ovarian hyperstimulation syndrome, novel treatments for hyper-responder patients, endometriosis and luteal support for successful implantation in IVF.

Antonio Palagiano was in the past vice president of the Italian Fertility and Sterility Society (SIFES-MR) and he has authored or co-authored over 100 scientific papers, book chapters and articles in national and international journals.



Roberto Palermo

Dr Palermo obtained his medical degree, and specialised in Obstetrics & Gynaecology, at the University of Palermo, Italy. In 1987 he completed a fellowship in Reproductive Medicine at The Jones Institute for Reproductive Medicine, USA and in 2002 he obtained a Master degree in Clinical Embryology from the University of Krems, Austria. His main clinical and research interests are in reproductive endocrinology and clinical embryology. He has served on the Board and President of the Italian Society for the Study of Fertility, Sterility and Reproductive Medicine (SIFES-MR) and is currently a Scientific Director of Associazione Medici e Biologi per la Riproduzione Assistita (AMBRA). He also directs a private IVF programme in Palermo.



Felice Petraglia

Felice Petraglia is Professor of Obstetrics and Gynecology and Chair of the Resident Program in Gynecology and Obstetrics at the University of Florence, and Chair of the Department of Maternity and Infancy at the Careggi University Hospital in Florence, Italy.

Professor Petraglia is Editor-in-Chief Emeritus of Human Reproduction Update and past President of the President of the Society of Endometriosis and Uterine Disorders (SEUD) and of the Society for Gynecological Investigation (SGI).

He has been member of the committees of FIGO, ISGE, EAGO, Endocrine Society, ESHRE, EBCOG, EEL, WHO.



Roger Pierson

Roger A. Pierson MS PhD FEAS FCAHS is a University Distinguished Professor in Obstetrics and Gynecology at the University of Saskatchewan. He is a Fellow of the European Academy of Sciences, Canadian Academy of Health Sciences, and a Past-President of the Canadian Fertility and Andrology Society. Dr. Pierson's awards include: the University of Saskatchewan Distinguished Researcher; CFAS Excellence in Reproductive Medicine; APOG Excellence in Teaching; Commemorative Medal for the Centennial of Saskatchewan; and, Chatelaine Women's Health Hero. Dr. Pierson's research is multi-disciplinary and revolves around ovarian function, ovulation, uterine receptivity and hormonal contraception. His research has generated more than 600 published works, in addition to more than 40 copyrighted computer programs and 7 patents. Dr. Pierson gave the medical and scientific communities the first ever visualization of human ovulation in 1990. Subsequent studies on ovarian function in women were heralded as one of the Top 100 scientific discoveries of 2004 by Discover magazine. Dr. Pierson has a history of industry collaboration with global pharmaceutical and medical equipment companies including consultation in the design, implementation and analysis of clinical trials [Phases Ib – IV]. Dr. Pierson has a deep interest in the history of our collective knowledge of reproduction with special interests in the long 18th Century and art history.



Anja Bisgaard Pinborg

Anja Bisgaard Pinborg is an expert in clinical reproductive medicine and was appointed professor at the University of Copenhagen in 2013. Since 2018 she has been professor and medical director at the Fertility Department at Rigshospitalet. She has published 252 original papers and authored nine books-chapters and has an H-index of 50. She is past member of ESHRE EXCO (2017-2021) and the International Committee of Medical Journal Editors (2015-2021) and former president of Nordic Fertility Society (2011-2015).



Paul Pirtea

Dr Pirtea is a faculty at Hospital FOCH - University Paris Ouest (UVSQ). Paul is clinical coordinator of the ART division of the department headed by Professor Jean Marc Ayoubi and interactive associate pour Fertility and Sterility Journal.



Cristophe Pomel

Christophe Pomel received his medical degree in 1993. He was invited Professor in the University of Montreal (Canada) in the Gynaecology Oncology department of Notre Dame Hospital in 1993 and 1994. He did his fellowship in the Surgical Oncology department of Jean Perrin Cancer Centre in Clermont-Ferrand (1994-1997). He worked at the Gustave Roussy Institute, Villejuif (France) from 2001 to 2005 and in the department of Gynecology Oncology, Saint Bartholomew Hospital, London (UK) from 2006 to 2008. He joined Jean Perrin cancer Centre in 2008. Professor in Oncology and General Surgery since 2011, He is chairing the department of Surgical Oncology in Jean Perrin Cancer Centre since October 2010. Medical Director since January 2012.



Nicolas Rivron

Nicolas Rivron is a developmental and stem cells biologist and a tissue engineer. He leads the laboratory for blastoid development and implantation at the Institute for Molecular Biotechnologies, from the Austrian Academy of Science. His laboratory formed blastoids, a model of the complete preimplantation conceptus generated solely from mouse and then human stem cells (Nature 2018, Nature 2021). This embryo model recapitulates aspects of cell fate specification, morphogenesis, and implantation in utero (mouse blastoids) and in vitro using endometrium organoids (human blastoids).

His laboratory investigates the inter-species variations in the principles of positional information and self-organization that shape the mammalian embryo for implantation. Long term, this will eventually allow tackling global health problems of fertility decline, family planning, and the developmental origin of health and diseases.



Jalid Sehoul

Prof. Dr. med. Dr. h.c. Jalid Sehoul is Director of the Clinic for Gynaecology with Centre for Oncological Surgery at the Charité Campus Virchow-Klinikum, Berlin (CVK), and Director of the Clinic for Gynaecology at the Charité Campus Benjamin Franklin, Berlin (CBF). He is also the head of the European Competence Centre for Ovarian Cancer (EKZE) at Charité Campus Virchow-Klinikum and the Interdisciplinary Gynaecological Cancer Centre at Charité Berlin. He is also Deputy Director of the Charité Comprehensive Cancer Center (CCCC). Since 2013, he has been a full professor with a W3 tenured professorship in gynaecology at the University Women's Hospital at Charité - Universitätsmedizin Berlin. He is the author of more than 500 international publications in specialist journals and editor of numerous regular publications. He is also the founder of the German Ovarian Cancer Foundation, founder of the Facebook community "DIWA" and "Rosi", the North-East German Society for Gynaecological Oncology (NOGGO), the European Artists' Guild for Medicine and Culture, as well as spokesperson for the organ commission of the AGO Ovarian Cancer. Internationally, he is particularly active as a faculty member of the ESGO and as a delegate to ENGAGE, ENGOT, PARSGO and GCIG.



Hugh S. Taylor

Dr. Taylor is the Anita O'Keeffe Young Professor and Chair, Department of Obstetrics Gynecology and Reproductive Sciences at Yale School of Medicine and Chief of Obstetrics and Gynecology at Yale-New Haven Hospital. He is also Professor of Molecular, Cellular and Developmental biology at Yale University. His clinical interests include IVF, infertility, endometriosis, implantation, menopause, uterine anomalies and Asherman's syndrome.

Dr. Hugh Taylor received his undergraduate training at Yale University and received his medical degree from the University of Connecticut School of Medicine. He completed his residency in Obstetrics and Gynecology at Yale. His postdoctoral training included a fellowship in Reproductive Endocrinology and Infertility as well as a fellowship in Molecular Biology, both at Yale.

Dr. Taylor is a board certified specialist in Obstetrics and Gynecology and in Reproductive Endocrinology. His clinical research centers on endometriosis and fibroids. His basic science research focuses on uterine development, endometriosis, endocrine disruption, and on stem cells. He is a recipient of ten National Institutes of Health research grants and directs The Yale Center for Reproductive Biology.

Dr. Taylor has published more than 400 articles and in leading medical journals. He has served as President of the Society for Reproductive Investigation and will be president of the American Society for Reproductive Medicine in 2021. He is a member of the National Academy of Medicine.

Dr. Taylor received honors and awards from the Society for Gynecologic Investigation in 2020 as Distinguished Scientist Award, Best Research in Reproductive Medicine from the IM Foundation in 2013 and Honoree of the Year from the Endometriosis Association in 2012.



Roberto Tozzi

Since 2021 Prof. Tozzi is the Director of the Gynecology and Obstetrics Unit at the University Hospital of Padua and since 2009 he is Senior Lecturer and Associate Professor at the University of Oxford. In 1997 Professor Tozzi graduated in General Medicine and Surgery at the University of Naples with laude and with Press relevance and in 2002 specialized in Gynecology and Obstetrics at the LandesArztKammer Thuringen, Germany. In 2005 he sub-specialized in Gynecology Oncology at the at Royal College Obstetrics and Gynecology, London, UK. In 2018 he was appointed Associate Professor, University of Oxford, Oxford, UK, Honorary Professor, Yuncheng Central Hospital, Shanxi Province, China, and in 2019 was Visiting Professor, Henan People's Hospital Zhengzhou, Henan Province, China.



Filippo Maria Ubaldi

Filippo Maria Ubaldi is the Scientific Director of GeneraLife, International Reproductive Medicine network (more than 30 Centres in Italy, Spain, Sweden and Czech Republic).

With academic degrees in Ob & Gyn, Masters in Andrology and Reproductive Medicine, PhD in Andrology at the Vrije Universiteit Brussel, he is also intensely dedicated to scientific activity.

Author and co-author of 205 scientific papers with Scopus H-index of 53, he has been invited as speaker at > 600 National and International congresses on the topic of Reproductive Medicine. Member of the ESHRE Executive Committee during 2005-2009, he has been Chairman of the 26th ESHRE Annual Meeting held in Rome in June 2010.

In 2014 and 2019 he received the Italian National Scientific License as full Professor in Obstetrics and Gynaecology and at the present is the Chairman of the Italian Society of Fertility and Sterility (SIFES).



Arne Vanhie

Prof. Dr. Arne Vanhie is a gynecologist at the Department of Obstetrics and Gynecology from the University Hospital Leuven, Belgium, with a special interest in endometriosis and infertility. He obtained his medical degree at Leuven University, Belgium. During his residency in Obstetrics and Gynecology he worked at the University Hospital Leuven and University Hospital of Wales, in Cardiff. He holds a PhD in Biomedical Sciences with a thesis on microRNA as biomarkers for endometriosis. As part of his PhD he worked on a two year project in the baboon model for endometriosis at the Institute of Primate Research in Nairobi, Kenya. After a research fellowship at the Department of Obstetrics, Gynecology and Reproductive Sciences at Yale University, USA he started working in the Leuven University Fertility Center. The greater part of his clinical practice are couples who need pre-implantation genetic testing (PGT-M) and women with endometriosis-related pain or infertility. Along with his clinical work Prof. Dr. Arne Vanhie is researcher at Leuven University in the Laboratory of Endometrium, Endometriosis and Reproductive Medicine (LEERM). His research is focused on reproductive genetics and non-invasive diagnosis of endometriosis

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