

[25-27 abril- 46th International Dexeus Congress](#)

La Fundació Dexeus Dona organitza un Congr s Internacional dirigit a professionals, que tindr  lloc en el Palau de Congressos del recinte firal

M s de 650 experts de tot el m n es reuniran a Barcelona per donar resposta als  ltims interrogants que planteja la medicina reproductiva

- L'objectiu de la trobada  s donar a con ixer algunes de les  ltimes l nies de recerca en gen tica, embriologia i andrologia en l' rea de la reproducci  humana, aix  com facilitar el debat al voltant de q estions que generen controv rsia o sobre les quals actualment no existeix un consens entre els propis professionals.
- Allargar la vida  til dels ov cits, avaluar l'impacte de l'entorn ambiental en la fertilitat humana, personalitzar els tractaments a trav s de la farmacogen mica, optimitzar la preservaci  de la reserva ov rica en cirurgia d'endometriosi o visualitzar nous escenaris per a la IA s n alguns dels temes que es posaran sobre la taula.
- El certamen  s un dels de major antiguitat i continu tat en l' mbit de la salut de la dona al nostre pa s. Aquesta edici  es dedica en exclusiva a la reproducci  assistida i comptar  amb 10 sessions cientifiquess, 3 debats i 2 sessions paral leles d'embriologia. En total es preveu que assisteixin m s de 650 professionals de 43 pa sos.

Barcelona, 18 d'abril 2024.- Qu  ha aportat el Projecte Genoma Hum  per a millorar els tractaments d'infertilitat?,  s possible allargar la vida  til dels ov cits?, fins a quin punt l'impacte ambiental est  afectant la fertilitat humana?, quines aplicacions pot tenir la IA en el futur de la medicina reproductiva? Respondre a aquestes q estions, compartir experi ncies i buscar solucions a alguns aspectes que han d'afrontar els experts en el seu dia a dia s n l'objectiu del [46th International Dexeus Congress](#), que tindr  lloc del 25-27 d'abril en el Palau de Congressos de la Fira de Barcelona.

El certamen, que organitza la [Fundaci  Dexeus Dona](#), presidida pel [Dr. Pedro Barri](#), i que dirigeix el [Prof. Dr. Nikolaos P. Polyzos](#), Director Cientif c del Departament de Ginecologia, Obstetr cia i Reproducci  Assistida de l'Hospital Universitari Dexeus i Cap del Servei de Medicina de la Reproducci  de Dexeus Dona,  s un dels de major antiguitat i continu tat en el seu  mbit al nostre pa s –el primer va tenir lloc a principis dels 70, fa gaireb  50 anys–.

Aquesta 46a edició es dedica exclusivament a la medicina reproductiva i s'ha estructurat en diverses sessions, en les quals s'alternarà la presentació de ponències amb espais de debat.

En total el Congrés comptarà amb 10 sessions científiques, 3 debats i 2 sessions paral·leles d'embriologia a càrrec d'experts internacionals de renom en el camp de la Reproducció Humana i l'Embriologia (**veure Programa científic al final de la nota i CV ponents en Annex I**).

Entre les sessions que tracten temes d'actualitat de major interès social, s'inclouen: **“Gens Matter!”** (sessió 1), que exposarà les aportacions del projecte Genoma Humà a la reproducció assistida i com personalitzar els tractaments d'infertilitat a través de la farmacogenòmica; **“AI in ART: Llauri we summoning the daemon?”** (sessió 6), que compara els avantatges i desavantatges de la intel·ligència artificial i l'automatització d'alguns processos enfront dels coneixements d'un professional expert; **“Eat Right, Breathe right & Live right”** (sessió 8), que analitzarà quins efectes de l'entorn, la dieta i l'exercici físic en la fertilitat femenina; i **“Can anyone see a man in the room?”** (sessió 9), que abordarà el problema del descens dràstic del volum d'espermatozoides en les mostres de semen a escala mundial, l'impacte de les ITS en la fertilitat masculina i l'automatització de la ICSI (microinjecció intracitoplasmàtica).

Altres sessions se centren en qüestions que han d'afrontar els experts en el seu dia a dia en les quals en alguns casos no hi ha un consens entre els professionals, com **“Surgical problems” prior to ART** (sessió 3), que exposarà les principals dificultats per a preservar la reserva ovàrica en cirurgia d'endometriosis; **“Get the balanç Right: Quality vs Quantity in poor prognosi patients”** (sessió 5), que analitzarà les possibilitats d'allargar la vida útil dels ovòcits; **“Time to ‘freeze time’ with elective fertility preservation”** (sessió 4), que donarà a conèixer les noves indicacions de preservació de la fertilitat; **“Lets start! Stimulating differently!”** (sessió 2), sobre els diferents protocols d'actuació en tractaments d'estimulació ovàrica, i **“Repeated Implantation Failure (RIF), looking under the hood”** (sessió 10), que mostrarà diferents línies de recerca en curs que tracten d'esbrinar l'origen d'aquest problema.

A més dels ponents, en el Congrés intervindran professionals de reconegut prestigi en l'àrea de la reproducció assistida, tant a nivell nacional com internacional, que exerciran de mediadors en els debats i conductors de les sessions (més informació i CV en Annex II).

En el tancament del Congrés, el professor Peter Humaidan, especialista en Endocrinologia reproductiva i professor de la Universitat de Aarhus (Dinamarca), rebrà la “Medalla Josep Maria Dexeus”. Aquesta distinció és un guardó que Dexeus Dona lliura des de 1980 a personalitats rellevants en reconeixement als seus assoliments i trajectòria professional.

ENLLAÇOS D'INTERÈS:

[46th International Dexeus Congress](#)

[PROGRAMA CIENTÍFIC](#)



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ANNEX I

46th International Dexeus Congress

PONENTS (breu CV i principals àrees d'interès)

Aisling Ahlström

Scientific director of Livio AB (Sweden), She is currently a member of ESHREs Executive Committee. Her main research interests include investigation of non-invasive methods to improve IVF outcomes, prediction of embryo viability and assessment of selection models, including time-lapse.

Stylianos Antonarakis

Emeritus Professor (active) at the University of Geneva. He is a medical, molecular, human geneticist, physician-scientist, who studied extensively the relationship between genomic and phenotypic variation. He is an international expert on disorders of chromosome 21, identifying genes for genetic disorders, development of diagnostic tests, genome structure and function, studies of the genome variability, and conserved non-coding sequences in human DNA. His laboratory participated in the human genome sequence and functional analysis, particularly on chromosome 21.

Basak Balaban

Principal embryologist in the American Hospital of Istanbul, Assisted Reproduction Unit and Scientific advisor of the affiliated university hospital IVF department; Koc University Hospital. She is one of the founders and was the chair of the Turkish Society of Clinical Embryologists (KED). Her major interest areas are embryo selection and in-vitro culture techniques, cryopreservation, and blastocyst culture.

Christophe Blockeel

Medical Director of Brussels IVF, the Centre for Reproductive Medicine at University Hospital Brussels in Belgium, and a visiting professor at the University of Zagreb, Croatia, at the School of Medicine, Department of Obstetrics and Gynaecology. Professor Blockeel has worked in the field of fertility for 20 years, with an interest primarily in reproductive endocrinology.

Elvan Boke

Group Leader in the Cell & Developmental Biology programme at the Centre for Genomic Regulation, Barcelona, Spain. She studies the effect of age in oocytes and reproductive longevity. She has been awarded a prestigious Vallee Scholar Award thanks to the support of the Barcelona Institute of Science & Technology (BIST). Now she is working in a new project funded by the Global Consortium for Reproductive Longevity & Equality (GCRLE).

[Ernesto Bosch](#)

Director of The Instituto Valenciano de Infertilidad in Valencia, Spain. He belonged to the Special Interest Group on Reproductive Endocrinology of the Spanish Fertility Society, and currently to the Special Interest Group on Reproductive Endocrinology of ESHRE.

[Alison Campbell](#)

Professor Alison Campbell is Chief Scientific Officer of the Care Fertility Group, overseeing 18 IVF laboratories across the UK, Ireland, Spain, and the US. As a Consultant Embryologist and Fellow of the Royal College of Pathologists, Professor Campbell brings a wealth of expertise to the field of Embryology.

[Rudi Campo](#)

He is working as a Gynecologist at Leuven Institute for Fertility and Embryology (LIFE) Expert Centre. Recently he has started to serve additionally for the IVF lab at the ZOL hospital in Genk, Belgium. He is one of the internationally recognized hysteroscopic surgeons with a major experience in hysteroscopic uterine, reconstructive surgery, and hysteroscopic trans endometrial myometrial exploration.

[Livio Casarini](#)

He is Associate Professor of Molecular and Translational Endocrinology at the University of Modena and Reggio Emilia. Responsible of the research team in basic and translational endocrinology, where he studies the endocrine regulation of human reproduction, glycoprotein and sex steroid hormones and their receptors. He is engaged in research project focused on reproduction and contraception with international Institution such as the pharmaceutical Companies and the Bill & Melinda Gates Foundation.

[Danilo Cimadomo](#)

Science and Research manager of Genera centers for reproductive medicine, part of IVIRMA Global Research Alliance. He was part of the ESHRE working groups that updated the good practice recommendations for embryo biopsy in IVF and the good practice recommendations for the definition, diagnosis, and treatment of repeated implantation failure (RIF). His research is mainly focused on the strategies to improve embryo selection.

[Nuno Costa-Borges](#)

He co-founded Embryotools, where he has been devoted on offering QC tests, training and consulting services to the IVF community worldwide. Additionally, as scientific director of Embryotools, Nuno has also been committed to the development of new IVF techniques, such as the flicking method for the biopsy of blastocysts or the maternal spindle transfer technique. He was involved in the team who developed a robot to perform ICSI automatically through which the first babies were born in 2023.

[Pauliina Damdimopoulou](#)

Research Coordinator at Reproductive Medicine Karolinska, Karolinska University Hospital. She also holds the position of Senior Lecturer (also known as Ass. Prof) in Perinatal and Reproductive Toxicology (Tenure Track) at the Department of Clinical Science, Intervention and Technology, Karolinska Institutet (KI) and is an Independent Research Group Leader, Department of Clinical Science, Intervention and Technology, KI. With over 15 years of experience in endocrinology, reproductive biology and toxicology, she investigates the effects of chemicals on female fertility.

[Michel De Vos](#)

He is a senior medical director at Brussels IVF, the Centre for Reproductive Medicine at Universitair Ziekenhuis Brussel, Belgium and an associate professor in at Vrije Universiteit Brussel. His main research focus is on fertility treatment in women with polycystic ovary syndrome and on fertility preservation. He is the current Chair of the In Vitro Maturation Special Interest Group of the ASRM.

[Anis Feki](#)

Prof. Feki is head of the Department of Gynecology and Obstetrics and medical director at the Hôpital Fribourgeois. He derived the first human embryonic stem cell line and the first iPS cells in Switzerland. His main areas of interest include stem cell research and pluripotency, and also reproductive surgery. He is a past member of the Executive Committee of ESHRE, ESHRE representative within EBCOG and chair of ESHRE certification committee since 2019.

[Juan Antonio García Velasco](#)

Chief Scientific Officer for IVIRMA Global and Director of IVI Madrid. He is also Professor of Obstetrics and Gynaecology at Rey Juan Carlos University, Madrid, Spain. His major interest areas are Endometrial receptivity, Female fertility IVF, clinical Immunology, Aging and Ovarian Reactivation.

[Peter Humaidan](#)

Professor at The Fertility Clinic Skive Regional Hospital, Aarhus University, Denmark His main fields of interest are triggering of ovulation with GnRH agonist, role of LH during the follicular and luteal phases, role of the female genital tract microbiota for reproductive outcomes, OHSS prevention, and role of sperm DNA fragmentation for spontaneous and assisted reproduction.

[Yacoub Khalaf](#)

Professor of Reproductive Medicine & Surgery, Guy's & St. Thomas' (GSTT) Hospital and King's College, London. Member of The Advisory Committee on the Safety of Blood, Tissues and Organs (SaBTO) advises UK ministers and health departments on the most appropriate ways to ensure the safety of blood, cells, tissues and organs for transfusion/transplantation. General Secretary of the International Society for IVF and President-Elect of the Middle East Fertility Society.

[Antonio La Marca](#)

Professor of Obstetrics and Gynecology at the University of Modena and Reggio Emilia, Italy. Director of the Obstetrics and Gynecology Unit of the University Hospital of Modena and of the Obgyn Residency Program at the same University. His clinical activity covers all fields of reproductive medicine and surgery.

[Nick Macklon](#)

Group Medical Director of London Womens Clinic in the UK and Visiting Professor at University Hospitals, Copenhagen. He has held full professorships and Department Chair positions at The University of Utrecht, The Netherlands, The University of Southampton in the UK and The University of Copenhagen in Denmark. He has been Associate Editor of Human Reproduction, Human Reproduction Update and Reproduction, and is a past member of the ESHRE Executive Committee.

[Maria Cristina Magli](#)

Maria Cristina Magli, embryologist, coordinates the laboratories of the SISMeR clinics in Bologna Italy. Author or co-author of more than 150 scientific publications, she has always been especially active in ESHRE, where she co-ordinated the Special Interest Group in Embryology, was member of the Executive Committee and Chair of Special Interest Groups. She was Chair of ESHRE between 2019 and 2021, and currently is immediate Past-Chair of the ESHRE European Affairs committee.

[Antonios Makrigiannakis](#)

Catedrático de Obstetricia y Ginecología y Jefe del Departamento de Obstetricia y Ginecología de la Facultad de Medicina de la Universidad de Creta. Lleva a cabo investigaciones básicas y clínicas principalmente sobre los mecanismos de implantación y receptividad endometrial, que implican inmunología reproductiva y marcadores de receptividad. Su investigación se centra en el papel de la CRH en la reproducción humana.

[Ana Neves](#)

Obstetrician and Gynecologist specialized in Reproductive Medicine. She is currently doing her PhD at Barcelona Autonomous University, focusing on the impact of genetic variants in genes related to folliculogenesis and steroidogenesis on female reproductive outcomes, and she is working as a Reproductive Medicine specialist at IVIRMA Lisbon

[Raoul Orvieto](#)

Professor of Obstetrics and Gynecology and incumbent of the Tarnesby-Tarnowski Chair for Family Planning and Fertility Regulation, at the Sackler Faculty of Medicine, Tel-Aviv University, Israel. His scientific interests include various aspects of controlled ovarian hyperstimulation (COH)

[Enrico Papaleo](#)

Chief of Centro Scienze della Natalità, Ob-Gyn Department of University Vita-Salute San Raffaele, Milan. Current interests focus on new approaches of ovulation induction in infertile patients, PCOS, surgical management of endometriosis in IVF-ET and identification of novel prognostic marker of outcome for women undergoing ART procedure.

[Allan Pacey](#)

Deputy Vice President and Deputy Dean of the Faculty of Biology, Medicine and Health. He is also Professor of Andrology and has published over 200 research papers, book chapters and review articles. He was a former Secretary (2005-2010) and Chairman (2012-2015) of the British Fertility Society and former Editor in Chief of the BFS journal Human Fertility (2015-2022).

[Anja Pinborg](#)

Professor and medical director at the Fertility Department at Rigshospitalet. She is past member of ESHRE EXCO (2017-2021) and of the International Committee of Medical Journal Editors (2015-2021) and former president of Nordic Fertility Society (2011-2015). She is deputy editor of Human Reproduction Open.

[Nikolaos P. Polyzos](#)

Head of Reproductive Medicine Department of Dexeus Mujer, at Dexeus University Hospital in Barcelona Spain and a Visiting Professor in the Department of Reproductive Medicine in the University of Gent in Belgium. Since 2021, he is a member of the Executive Committee (ExCO) of the ESHRE. Professor Polyzos is the principal investigator in several large pioneering multinational trials and a key opinion leader in the field of Reproductive Medicine for the treatment of poor ovarian responders in IVF programs, prediction of ovarian response and premature ovarian ageing, with more than 200 invited lectures in international congresses.

[Biljana Popovic-Todorovic](#)

Biljana Popovic Todorovic is a fertility specialist, head of IVF at Avala hospital in Belgrade. She has worked for a number of years at the Centre for Reproductive Medicine, UZ Brussel in Belgium. Her clinical research activity is focused on reproductive endocrinology and clinical andrology. Dr Popovic Todorovic is author of number of publications and book chapters and is a reviewer for several international journals in the field of Reproductive Medicine as well as the ESHRE clinical inspector for the certification of IVF centers and assessor for ESHRE/EBCOG accreditation for subspecialization in Reproductive Medicine.

[Samuel dos Santos-Ribeiro](#)

Clinical Director and Scientific Coordinator at IVIRMA Lisbon and an Invited Professor at the Faculty of Medicine of the University of Lisbon. The main focus of his ongoing research is the relationship between infertility treatments and endometrial receptivity.

[Carlos Simón](#)

Professor of Ob/Gyn at the University of Valencia. His main clinical and scientific interest is in the understanding of the human embryonic implantation process, considering as key elements the embryo, the maternal endometrium, and the cross-communication between them.

[Edgardo Somigliana](#)

Head of the ART Unit and of the Obstet-Gynecol emergency service of the Policlinico Hospital in Milan, Italy. Since 2016 he is also Associate Professor at the Università degli Studi of Milan, Italy. He is editor in Chief of Human Reproduction Open. His major scientific interests are infertility and endometriosis.

[Signe Sorensen Torekov](#)

Leader of the Clinical Translational Metabolism Group, Department of Biomedical Sciences, University of Copenhagen, which has the overall goal of creating evidence of how to obtain healthy weight throughout life. Her vision is to implement this evidence to prevent the onset of obesity in childhood. My research group is highly experienced with clinical experimental interventions, characterizing and integrating the complex psychological and biological mechanisms underlying obesity.

[Dominic Stoop](#)

Head of the Department of Reproductive medicine of the University Hospital Ghent and professor in Reproductive medicine at the Ghent University. Specialist in Reproductive Medicine, Reproductive Endocrinology, Egg Donation and Cryopreservation and Oncofertility.

[Kirsten Tryde Macklon](#)

Consultant at the Fertility Clinic, University Hospital of Copenhagen, Rigshospitalet. In 2016 she was part of creating the ESHRE SIG in fertility preservation and since 2019 she has served as co-ordinator. Since June 2021 she is member of the executive committee of ESHRE.

[Alberto Vaiarelli](#)

Medical Scientific Coordinator GENERA Rome part of IVIRMA Global Research Alliance. His scientific work is primarily focused on the management of poor prognosis patients and on the improvement of efficacy and efficiency in IVF

[Álvaro Vives](#)

Specialist in Andrology. Head of the Male Sexual and Reproductive Health Unit at Dexeus Woman. at Dexeus Univesity Hospital in Barcelona (Spain). Head of the Sexually Transmitted Infections (STI) Unit and Assistant Doctor of the Andrology Service at the Puigvert Foundation and Advisor to the Department of Health on sexually transmitted infections and lecturer in the "Master in International Health and Tropical Medicine" at the University of Barcelona.

[Hakan Yaralı](#)

Founder and Clinical Director of Anatolia IVF Center, Ankara, Turkey, one of the busiest private IVF centers in Turkey. His special interests are clinical IVF-all aspects, in particular, luteal phase in both fresh and frozen embryo transfer cycles and management of low-prognosis patients.

ANEX II

46th International Dexeus Congress

CONDUCTORS I MODERADORS DE SESSIONS:

(per ordre d'intervenció en el programa)

Thursday, April 25 th	Friday, April 25th	Saturday, April 26th
<p>Session 1 Joaquín Llacer Gabriela Palacios</p> <p>Session 2 Laura de la Fuente Gorka Barrenetxea</p> <p>Parallel Session Embryology 1 Silvia Mateo Irene Boiso</p> <p>Debate I Antonio Pellicer Pedro N Barri</p> <p>Debate II Isidoro Bruna Montserrat Boada</p>	<p>Session 3 Jean Marc Ayoubi Pere Barri Soldevila</p> <p>Session 4 Dolors Manau Marta Devesa</p> <p>Session 5 Nikolaos Polyzos Miquel Solé</p> <p>Session 6 Mónica Parriego</p> <p>Debate III Enrique Pérez de la Blanca Peter Humaidan</p> <p>Parallel Session Embryology 2 Marga Esbert Gemma Arroyo</p> <p>Session 7 Juan José Espinós Manuel Álvarez</p>	<p>Session 8 Andrea Genazzani Antonio Gosalvez</p> <p>Session 9 Piotr Sokol Frédéric Lamazou</p> <p>Session 10 Joana Peñarrubia Pedro N Barri Paul Pirtea</p>