



FINAL PROGRAM

3-5 September 2025
Tehran - Iran





21st Congress on Stem Cell Biology & Technology



Scientific Program of the 21st Stem Cell Biology and Technology Congress
3-5 September 2025, Abu Rayhan International Conference Center
Shahid Beheshti University, Tehran, I.R. Iran

Wednesday 3 September 2025, 08:00-08:30, Abu Rayhan Hall (Joint Program)

Opening Ceremony	
08:00-08:05	Holy Quran & Iranian National Anthem
08:05-08:10 Faramarz Farrahi, Iran	Chairperson of the 26 th Reproductive Biomedicine Congress
8:10-08:15 Sharif Moradi, Iran	Chairperson of the 21 st Stem Cell Biology & Technology Congress
08:15-08:20 Hamid Choubineh, Iran	The President of the Iranian Fertility and Infertility Association

Wednesday 3 September 2025, 8:30-10:30, Abu Rayhan Hall (Joint Program)

Keynote Session	
Chairpersons: Abbas Aflatoonian, Mohammad Hossein Nasr Esfahani, Hossein Baharvand	
08:30-08:55 Mohammad Ali Sadighi Gilani, Iran <i>Professor, Department of Andrology, Royan Institute for Reproductive Biomedicine</i>	Aging and ART Outcome
09:00-09:25 Suks Minhas, UK <i>Professor, Department of Surgery and Cancer, Imperial College & Consultant Andrologist, Imperial College Healthcare - Virtual</i>	The Association of the Seminal Microbiome on Male Infertility
09:30-09:55 Seyyed Ahmad Vaez, Iran/ Netherlands <i>Assistant Professor, Department of Bioinformatics, Isfahan University of Medical Sciences/ Department of Epidemiology, University of Groningen, University Medical Center Groningen</i>	Genomic Architecture of Human Reproductive Behavior
10:00-10:25 Heidar Heidari Khoei, Austria <i>Scientific Researcher, Institute of Molecular Biotechnology of the Austrian Academy of Sciences</i>	Human Blastoids: Stem Cell-Based Embryo Models to Explore the Earliest Stages of Life
10:30-11:00	Coffee Break, Exhibition & Poster Session

Wednesday 3 September 2025, 11:00-13:00, Abu Rayhan Hall (Joint Program)

Royan International Research Award (RIRA)	
13:00-14:00	Prayer Time, Lunch Break, Exhibition & Poster Session

Wednesday 3 September 2025, 14:00-16:00, Abu Rayhan Hall

Pluripotency and Development Chairpersons: Fereshteh Karamali, Heidar Heidari-Khoei, Sharif Moradi, Sajad Sahab-Negah	
14:00-14:20 Deepa Subramanyam, India <i>Principal Investigator, National Centre for Cell Science, Savitribai Phule Pune University - Virtual</i>	Molecular Traffic in Stem Cells: Decision Making Fine Tuned
14:25-14:45 Pierre Savatier, France <i>Professor, Stem Cell and Brain Research Institute, INSERM - Virtual</i>	The Challenges of Pluripotent Stem Cell-Based Germline Chimeras in Rabbits
14:50-15:10 Sharif Moradi, Iran <i>Assistant Professor, Department of Stem Cells and Developmental Biology, Royan Institute for Stem Cell Biology and Technology</i>	Contribution of MicroRNAs to The Regulation of Pluripotency
15:15-15:35 Jing Liu, China <i>Professor, Guangzhou Institutes of Biomedicine and Health, Chinese Academy of Sciences - Virtual</i>	Cross-Species Pluripotency Engineering: SALL4-Based Reprogramming in Mice, Giant Panda iPSCs, and Guinea Pig Epiblast Stem Cells
15:40-16:00 Sajad Sahab-Negah, Iran <i>Associate Professor, Multiple Sclerosis Research Center, Tehran University of Medical Science</i>	Exosomes Beyond Stem Cells in The Course of Neurodegenerative Diseases
16:00-16:30	Coffee Break, Exhibition & Poster Session

Wednesday 3 September 2025, 16:30-18:30, Abu Rayhan Hall

Cancer Chairpersons: Seyed Javad Mowla, Marziyeh Ebrahimi, Hassan Niknejad, Sadegh Saghafinia	
16:30-16:50 Seyed Javad Mowla, Iran <i>Professor, Department of Genetics, Tarbiat Modares University</i>	Building A Coordinated Ecosystem for Precision Oncology in Iran
16:55-17:15 Sadegh Saghafinia, UK <i>Scientist, Cancer Research UK, University College London Cancer Institute</i>	Re-Activation of Progenitor Cellular Program in Cancer Progression and Metastasis
17:20-17:40 Mehdi Totonchi, Iran <i>Associate Professor, Department of Genetics, Royan Institute for Reproductive Biomedicine</i>	Immunovirotherapy in Glioblastoma
17:45-18:05 Hassan Niknejad, Iran <i>Professor, School of Medicine, Shahid Beheshti University of Medical Sciences</i>	Translational Insight into Chemotherapeutic Nanoparticles for Cancer: Exosome Therapy or Cell Therapy?
18:10-18:20 Fatemeh Salahpour-Anarjan, Iran <i>Faculty of Advanced Medical Sciences, Tabriz University of Medical Sciences - Top-Score Abstract</i>	Nano-Chemo-Immunotherapy for Glioblastoma: Cyclophosphamide-Loaded Dual-Targeted Chitosan Nanoparticles for Immune Activation in Orthotopic Rat Models
18:20-18:30	Panel Discussion



Thursday 4 September 2025, 08:30-10:30, Allameh Tabatabaee Hall

Molecular Biomedicine	
Chairpersons: Mehdi Totonchi, Leila Taghiyar, Roya Salehi, Massoud Vosough	
08:30-08:50 Manish Kumar Raikwar, China <i>Group Leader, Guangzhou Institutes of Biomedicine and Health, Chinese Academy of Sciences - Virtual</i>	From Stem Cells to Gene Rescue: A New Era of Pluripotency, Precision Reproduction, and The Guinea Pig as A Next-Generation Model for Human Disease
08:55-09:15 Daria Kuzretsova, Russia <i>Scientist, Institute of Experimental Oncology and Biomedical Technologies, Privozhsky Research Medical University - Virtual</i>	Metabolic Imaging in Cellular Organoid Quality Control: Innovative Strategies in Regenerative Medicine
09:20-09:40 Roya Salehi, Iran <i>Assistant Professor, Department of Medical Nanotechnology, Tabriz University of Medical Sciences</i>	Enhanced Alveolar Bone Hemostasis and Regeneration: Progress, Challenges, and Future Perspective
09:45-10:05 James Adjaye, Germany <i>Professor, Heinrich Heine University, Düsseldorf Institute for Stem Cell Research and Regenerative Medicine - Virtual</i>	Investigating the Molecular Mechanisms Underlying APOL1-Mediated Kidney Disease Employing A Unique Human Urine-Derived Podocyte Cellular Model
10:10-10:20 Mehdi Abdolazimi, Iran <i>Department of Stem Cells and Developmental Biology, Royan Institute for Stem Cell Biology and Technology - Top-Score Abstract</i>	MicroRNA-363-3p Promotes Mouse Embryonic Stem Cell Formation by Modulating Autophagy Through <i>Stx17</i> Targeting
10:20-10:30	Panel Discussion
10:30-11:00	Coffee Break, Exhibition & Poster Session

Thursday 4 September 2025, 08:30-10:30, Kharazmi Hall

Short Oral Presentations	
Chairperson: Hamed Dabiri	
08:30-10:30	Top Abstracts Selected for Short Oral Presentation
10:30-11:00	Coffee Break, Exhibition & Poster Session

Thursday 4 September 2025, 11:00-13:00, Allameh Tabatabaee Hall

AI and Computational Biology	
Chairpersons: Seyed Mahdi Khaliq-Razavi, Seyed Amir Marashi, Sara Taleahmad	
11:00-11:20 Seyed Mahdi Khaliq-Razavi, Iran <i>Assistant Professor, Department of Stem Cells and Developmental Biology, Royan Institute for Stem Cell Biology and Technology</i>	Looking Ahead: A Roadmap for Multi-Modal Patient Phenotyping
11:25-11:45 Seyed Amir Marashi, Iran <i>Associate Professor, Department of Biotechnology, University of Tehran</i>	Metabolic Models for Understanding The Process of Cell Differentiation
11:50-12:10 Mohammad-Reza Abolghasemi, Iran <i>Assistant Professor, College of Engineering, University of Tehran</i>	Artificial Intelligence in Medicine: Enhancing Diagnosis, Treatment, and Patient Care
12:15-12:35 Sara Taleahmad, Iran <i>Assistant Professor, Department of Stem Cells and Developmental Biology, Royan Institute for Stem Cell Biology and Technology</i>	Repurposing Drugs for FLT3-Mutated AML: AI-Driven Discovery of Novel Therapeutic Opportunities
12:35-13:00	Panel Discussion
13:00-14:00	Prayer Time, Lunch Break, Exhibition & Poster Session

Thursday 4 September 2025, 11:00-13:00, Kharazmi Hall

Meet the Editors Moderator: Massoud Vosough	
Mohsen Reza Heidari, Iran <i>Professor, Baqiatallah University of Medical Sciences</i>	
Roya Salehi, Iran <i>Assistant Professor, Department of Medical Nanotechnology, Tabriz University of Medical Sciences</i>	
13:00-14:00	Prayer Time, Lunch Break, Exhibition & Poster Session

Thursday 4 September 2025, 14:00-16:00, Allameh Tabatabaee Hall

Bioengineering and Drug Delivery Chairpersons: Mohammad Kazemi Ashtiani, Majid Ebrahimi Warkiani, Mahdi Karimi, Hamed Daemi	
14:00-14:15 Mahdi Karimi, Iran <i>Associate Professor, Faculty of Advanced Technologies in Medicine, Iran University of Medical Sciences</i>	Development of Polymeric Gene Delivery Carriers: Horizons in Gene Therapy and mRNA Vaccination
14:20-14:35 Mohammad Hasani-Sadrabadi, USA <i>Scientist, Department of Bioengineering, University of California [UCLA] - Virtual</i>	Immunomodulatory Biomaterials for Treatment and Regeneration
14:40-14:55 Aziz Maleki, Iran <i>Associate Professor, Department of Pharmaceutical Nanotechnology, Zanjan University of Medical Sciences</i>	Near-Infrared Responsive Hydrogels as Emerging Wound Dressing: Why and How?
15:00-15:15 Hamed Daemi, Iran <i>Assistant Professor, Department of Cell Engineering, Royan Institute for Stem Cell Biology and Technology</i> <i>Award Winner</i>	Sulfated Alginate-Based Scaffolds for Engineering of Soft Tissues
15:20-15:35 Majid Ebrahimi Warkiani, Australia <i>Professor, School of Biomedical Engineering, University Technology Sydney</i>	Microfluidic Systems for Cell Biology and Translation into Practice
15:35-16:00	Panel Discussion
16:00-16:30	Coffee Break, Exhibition & Poster Session

Thursday 4 September 2025, 16:30-18:30, Allameh Tabatabaee Hall

Regulation and Standardization Moderator: Melika Zamanian <i>In Persian</i>	
Ensieh Hajizadeh, Iran <i>Associate Professor, Department of Regenerative Medicine, Royan Institute for Stem Cell Biology and Technology</i>	Regulatory Considerations for Cell Therapy Products
Mohammadreza Abedi, Iran <i>Head of Biological Products Department, Iran Food and Drug Administration [IFDA]</i>	Registration of Cellular and Gene Therapy Products
Hoda Madani, Iran <i>MD, Clinical Researcher, Department of Regenerative Medicine, Royan Institute for Stem Cell Biology and Technology</i>	Considerations for Conducting Clinical Trials on Advanced Medical Products
Ali Vashaghani-Farahani, Iran <i>Professor, Cardiac Primary Prevention Research Center, Tehran University of Medical Sciences</i>	Supervising Private Plasmapheresis Centers



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21st Congress on Stem Cell Biology and Technology

Friday 5 September 2025, 08:30-10:30, Abu Rayhan Hall

Cell and Molecular Therapy Chairpersons: Kamran Mansouri, Ensieh Hajizadeh, Khosrow Jadidi, Massoud Vosough	
08:30-08:50 Kamran Mansouri, Iran <i>Professor, Medical Biology Research Center, Kermanshah University of Medical Sciences</i>	Exosome Therapy in Regenerative Medicine: Clinical Application for Pulmonary Fibrosis and COVID-19 Complications
08:55-09:10 Massoud Vosough, Iran <i>Associate Professor, Department of Regenerative Medicine, Royan Institute for Stem Cell Biology and Technology</i>	Application of Cytokine-Induced Killer Cells in Hepatocellular Carcinoma
09:15-09:35 Khosrow Jadidi, Iran <i>Professor, Department of Ophthalmologist, Bina Eye Hospital</i>	Cell Therapy and Regenerative Medicine in Treatment of Corneal Disease
09:40-10:00 Tomo Šarić, Germany <i>Group Leader, Institute for Neurophysiology, University of Cologne - Virtual</i>	Removal of Residual Undifferentiated Cells from Pluripotent Stem Cell-Derived Cardiomyocytes by Small Molecules
10:05-10:20 Elaheh Khodadoust, Iran <i>MD, MPH, Clinical Research Associate, Royan Stem Cell Technology Company</i>	Cell Therapy in Pediatrics: Clinical Trial Experiences
10:20-10:30 Amirmohammad Pashangpour <i>Faculty of Sciences and Advanced Technologies in Biology, University of Science and Culture</i> <i>Top-Score Abstract</i>	Evaluation and Comparison of Viability and Persistence between Two Types of CD19-CAR T Cells Produced by Conventional and Fast Culture Conditions
10:30-10:45 Elahe Khodadost, Royan Stem Cell Technology Company	Company Symposium: Cell Therapy in Pediatrics: Clinical Trial Experiences

Friday 5 September 2025, 11:00-13:00, Abu Rayhan Hall

Organoid and Disease Modeling Chairpersons: Mahsa Mollapour, Heidar Heidari-Khoei, Sharif Moradi	
11:00-11:20 Mahsa Mollapour Sisakht, Iran <i>Assistant Professor, Stem Cell and Regenerative Medicine Innovation Center, Tehran University of Medical Sciences</i>	Genetically Modified Liver Organoid: Platform to Target SWI/SNF Complex and Target Therapy
11:25-11:45 Heidar Heidari-Khoei, Austria <i>Senior Post-Doc, Institute of Molecular Biotechnology of the Austrian Academy of Sciences [IMBA]</i> <i>Award Winner</i>	Embryo Models and mTOR Signaling in Early Human Development
11:50-12:10 Laurent David, France <i>Professor, Center for Research in Transplantation and Translational Immunology, Inserm, Nantes Université</i> <i>Virtual</i>	Defining Milestones of Trophectoderm Fate Progression and Naïve-to-Primed Pluripotency Transition in Human Embryos Reveals Stage-Match of Human Blastoids
12:15-12:35 Zhen Liu, China <i>Principal Investigator, Institute of Neuroscience, Chinese Academy of Sciences</i> <i>Virtual</i>	Monkey Cloning, Chimera, and Embryo Model
12:40-13:00	Panel Discussion

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Friday 5 September 2025, 11:00–13:00, Kharazmi Hall

Meet the Entrepreneurs Moderator: Reza Moghadasali <i>In Persian</i>	
Nasser Aghdami, Iran <i>Associate Professor, Department of Stem Cells and Developmental Biology, Royan Institute for Stem Cell Biology and Technology</i>	Topics: Entrepreneurship in Biotechnology: From Idea to Industry; Entrepreneur Ecosystem; The Ecosystem of Industrial Enzymes in Iran: Promises and Challenges; The Economics of Rapid Diagnostic Tests in Iran's Innovation Ecosystem
Haleh Hamedifar, Iran <i>CEO, CinnaGen Medical Biotechnology Research Center</i>	
Reza Hassan-Sajedi, Iran <i>Professor, Department of Biochemistry and Biophysics, Tarbiat Modares University</i>	
Mohammad-Javad Rasaei, Iran <i>Professor, Department of Clinical Biochemistry, Tarbiat Modares University</i>	

Friday 5 September 2025, 13:00–14:00, Abu Rayhan Hall (Joint Program)

Closing Ceremony



26th Congress on Reproductive Biomedicine



Scientific Program of the 26th Royan Reproductive Biomedicine Congress
3-5 September 2025, Abu Rayhan International Conference Center
Shahid Beheshti University, Tehran, I.R. Iran

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Keynote Session	
Chairpersons: Abbas Aflatoonian, Mohammad Hossein Nasr Esfahani, Hossein Baharvand	
08:30-08:55 Mohammad Ali Sadighi Gilani, Iran <i>Professor, Department of Andrology, Royan Institute for Reproductive Biomedicine</i>	Aging and ART Outcome
09:00-09:25 Suks Minhas, UK <i>Professor, Department of Surgery and Cancer, Imperial College & Consultant Andrologist, Imperial College Healthcare - Virtual</i>	The Association of the Seminal Microbiome on Male Infertility
09:30-09:55 Seyyed Ahmad Vaez, Iran/ Netherland <i>Assistant Professor, Department of Bioinformatics, Isfahan University of Medical Sciences/ Department of Epidemiology, University of Groningen, University Medical Center Groningen</i>	Genomic Architecture of Human Reproductive Behavior
10:00-10:25 Heidar Heidari Khoei, Austria <i>Scientific Researcher, Institute of Molecular Biotechnology of the Austrian Academy of Sciences</i>	Human Blastoids: Stem Cell-Based Embryo Models to Explore the Earliest Stages of Life
10:30-11:00	Coffee Break, Exhibition & Poster Session

Wednesday 3 September 2025, 11:00-13:00, Abu Rayhan Hall (Joint Program)

Royan International Research Award (RIRA)	
13:00-14:00	Prayer Time, Lunch Break, Exhibition & Poster Session

Wednesday 3 September 2025, 14:00–16:00, Allameh Tabatabaee Hall

Future of Reproductive Biomedicine Chairpersons: Masood Bazrgar, Marjan Sabbaghian, Mahnaz Ashrafi, Mohammad Nouri, Mohammad Reza Sadeghi	
14:00-14:20 Masoud Zamani Esteki, Netherlands <i>Associate Professor, Head of the Cellular Genomic Medicine Laboratory, Department of Clinical Genetics, Maastricht University</i> <i>Virtual</i>	Transforming Reproductive Medicine: The Power of Liquid Biopsy, Genomics, and Artificial Intelligence
14:25-14:45 Kazuhiro Kawamura, Japan <i>Professor, Department of Obstetrics and Gynecology, Juntendo University Faculty of Medicine</i> <i>Virtual</i>	Restoring Fertility in Women with POI and DOR: From Conventional IVA to Next-Generation, Less Invasive Techniques
14:50-15:05 Mohammad Reza Zamanian, Iran <i>Assistant Professor, Department of Genetics, Royan Institute for Reproductive Biomedicine</i>	Empowering Infertility Treatments: Expanded Carrier Screening in Reproductive Medicine
15:10-15:30 Sezgin Gunes, Turkey <i>Professor, Department of Medical Biology, Medical Faculty, Ondokuz Mayıs University</i> <i>Virtual</i>	Single Gene Disorders in Male Infertility
15:30-15:50 Victoria Deneke, Austria <i>Scientific Researcher, Research Institute of Molecular Patology, Vienna BioCenter</i> <i>Virtual</i>	A Conserved Fertilization Complex Bridges Sperm and Egg in Vertebrates
15:50-16:00 Mohsen Dashti, Iran <i>Department of Immunology, Tabriz University of Medical Sciences</i> <i>Top-Score Abstract</i>	Deep Learning–Based Analysis of Immunological Predictors in Recurrent Implantation Failure
16:00-16:15 Ashraf Moini, Orchid Pharmed Company	Company Symposium: Optimized Ovarian Stimulation in IVF/ICSI Cycle
Coffee Break, Exhibition & Poster Session	



Wednesday 3 September 2025, 14:00–16:00, Kharazmi Hall

A Review of The Latest Achievements in Infertility Chairpersons: Zahra Ezabadi, Hadis Taheri, Neda Kazemi, Mehrangiz Zanganeh, Shima Mohiti (Nursing & Midwifery Seminar, In Persian)	
14:00-14:20 Neda Kazemi, Iran <i>Shahid Beheshti University of Medical Sciences</i>	Sclerotherapy in Endometriosis
14:25-14:45 Shahideh Jahanian, Iran <i>Department of Midwifery and Reproductive Health, Faculty of Medical Sciences, Tarbiat Modares University</i>	Prevention and Management of OHSS in PCO Patients
14:50-15:10 Mehrangiz Zanganeh, Iran <i>Department of Infectious Diseases, Faculty of Medicine, Tehran Medical Sciences Branch, Islamic Azad University</i>	The Effect of Bacterial and Viral Infections on ART Results
15:15-15:25 Faezeh Ghafoori, Iran <i>Department of Midwifery, Saveh University of Medical Sciences</i> <i>Oral Presenter</i>	Barriers to Reproductive Health in Female MS Patients and their Husbands
15:30-15:40 Tahereh Behroozilak, Iran <i>Department of Obstetrics and Gynecology, Faculty of Medicine, Urmia University of Medical Sciences</i> <i>Oral Presenter</i>	The Effectiveness of Probiotics in the Fertility of Patients with Polycystic Ovary Syndrome who are Candidates for IVF
15:45-15:55 Leila Amini, Iran <i>NMCRC, Iran University of Medical Sciences</i> <i>Oral Presenter</i>	Effect of Curcumin on Inflammatory Markers in Women with Polycystic Ovary Syndrome Undergoing Infertility Treatment
15:55-16:00	Panel Discussion
16:00-16:30	Coffee Break, Exhibition & Poster Session

Wednesday 3 September 2025, 16:30-18:30, Allameh Tabatabaee Hall

Sperm Selection Strategies Chairpersons: Mohammad Hossein Nasr Esfahani, Hamid Choubineh, Mozhdeh Salehnia	
16:30-16:50 Masoumeh Esmaeilvand <i>Assistant Professor, Department of Obstetrics and Gynecology, Kermanshah University of Medical Sciences Kermanshah</i> <i>Award Winner</i>	MicroRNAs in The Blastocoel Fluid as Accessible Indicators of Chromosomal Normality
16:55-17:15 Ahmad Hosseini, Iran	Clinical and Operational Advantages of the Fertilitel [®] □ Microfluidic Sperm Separation Chip (SSC)

Professor, Genetics and Infertility Treatment Department, Erfan Niayesh Hospital	
17:20-17:40 Bodoor Outish, UAE Clinical Application Scientist, Middle East Office, Cooper Surgical Company <i>Virtual</i>	Sperm DNA Fragmentation and How to Reduce It
17:45-18:05 Majid Ebrahimi Warkiani, Australia Professor, School of Biomedical Engineering, University of Technology Sydney <i>Award Winner</i>	AI-Powered Solutions for Male Infertility
18:05-18:30	Panel Discussion

Wednesday 3 September 2025, 16:30-18:30, Kharazmi Hall

Artificial Intelligence and Infertility Chairpersons: Naiemeh Mirghavamoddin, Nima Narimani, Firoozeh Ghaffari, Mahdi Khaliq Razavi (Nursing & Midwifery Seminar, In Persian)	
16:30-16:50 Nima Narimani, Iran Department of Urology, Hasheminejad Kidney Center, School of Medicine, Iran University of Medical Sciences	The Role of Artificial Intelligence in Infertility Diagnosis and Treatment
16:55-17:15 Hamid Beigi, Iran Department of Computer Engineering, Sharif University of Technology	The Role of Artificial Intelligence in Predicting the Success of Infertility Treatment
17:20-17:40 Zainab Alimoradi, Iran Social Determinants of Health Research Center, Research Institute for Prevention of Non-Communicable Diseases, Qazvin University of Medical Sciences	Patient-Centered Care and Artificial Intelligence
17:45-18:05 Batool Mehrshad, Iran Head of the Committee, Artificial Intelligence Health, Iran University of Medical Science	Challenges and Limitations of Using Artificial Intelligence
18:05-18:30	Panel Discussion

Thursday 4 September 2025, 08:30-10:30, Abu Rayhan Hall

Reproductive Surgery Chairpersons: Mohammad Ali Sadighi Gilani, Ahmad Vosough, Ashraf Moini	
08:30-08:50 Azadeh Tarafdari, Iran Associate Professor, Department of Obstetrics and Gynecology, Imam Khomeini Hospital Complex, Tehran University of	The Role of FIGO type 3 Fibromas on IVF Outcomes



<i>Medical Sciences</i>	
08:55-09:15 Ateş Kadioğlu, Turkey <i>Professor, Department of Urology, Istanbul Faculty of Medicine, Istanbul University</i> Virtual	Indications and Optimal Treatment of Distal Ejaculatory Duct Obstruction
09:20-09:40 Mohammad Arafa, Qatar <i>Assistant Professor, Department of Urology, Hamad Medical Corporation & Weill Cornell Medical Center</i> Virtual	Varicocelelectomy in Men with Non-Obstructive Azoospermia: A Controversial Therapeutic Strategy
09:45-10:00 Seyed Ali Golestanha, Iran <i>Assistant Professor, Radiology Department, Shahed University Medical School</i>	Radiology Intervention in Ob & Gyn Disorders
10:00-10:15	Panel Discussion
10:15-10:30 Mahna Mohebbi, Mehri Mashayeki, Atipharmed Company	Company Symposium: Inositol: A Breakthrough Solution for Polycystic Ovary Syndrome
10:30-11:00	Coffee Break, Exhibition & Poster Session

Thursday 4 September 2025, 11:00-13:00, Abu Rayhan Hall

Challenges in ART Chairpersons: Hamid Gourabi, Poopak Eftekhari Yazdi, Mohammad Ebrahim Parsa Nezhad	
11:00-11:20 Hamid Gourabi, Iran <i>Professor, Department of Genetics, Royan Institute for Reproductive Biomedicine</i>	Challenges in Assisted Reproductive Technology (ART): An Introduction
11:25-11:45 Shekofeh Sabeti, Iran <i>Psychiatrist, Department of Epidemiology and Reproductive Health, Royan Institute for Reproductive Biomedicine</i>	Psychologic Aspect Challenges in ART Specially Couples Suffering from RIF
11:50-12:10 Nathalie Ledee, France <i>President of the Laboratory of Innovation, Matrice Lab Innove, Medical Director of R&D of Hospital Les Bluets</i> Virtual	Influence of Uterine Immune Profiling and Tailored Therapeutics on Outcomes Following Single Blastocyst Transfer: A Matched Pair Study
12:15-12:35 Olga Tsuiko, Belgium <i>Scientific Researcher, Reproductive Genetics Unit, Centre of Medical Genetics, University Hospital Leuven</i> Virtual	From Single Loci to Whole Genomes: The Evolution of Preimplantation Genetic Testing
12:40-13:00 Majid Tarahomi, Netherlands <i>Laboratory Director, Center for Reproductive Medicine</i> Virtual	Preparedness and Continuity of Care in IVF Laboratory During Natural and Infrastructural Disasters
13:00-14:00	Prayer Time, Lunch Break, Exhibition & Poster Session

Reproductive Medicine <i>Virtual</i>	
13:00-14:00	Prayer Time, Lunch Break, Exhibition & Poster Session

Thursday, 4 September 2025, 14:00-16:00, Abu Rayhan Hall

Novel Embryo Selection Strategies Chairpersons: Fatemeh Hassani, Fatemeh Sadat Amjadi, Mansoureh Movaheddin, Gholamali Joursaraee, Reza Omani Samani	
14:00-14:20 Argyriou Anastasios, Greece <i>Laboratory Director, Institute of Life IVF-IASO Maternity</i> <i>Virtual</i>	Embryo Selection Beyond Morphology: Opportunities and Challenges of Time-Lapse Monitoring
14:25-14:45 Fabrizio Horta Nunez, Australia <i>Clinical Scientist, Fertility & Research Center, The University of New South Wales</i> <i>Virtual</i>	Creating A Transformative Strategy for Infertility Treatments by Assessing Gamete and Embryo Metabolism Via Novel Non-Invasive Metabolic Imaging, Lab on-A-Chip & Artificial Intelligence Technologies
14:50-15:10 Zhila Naghibi Harat, USA <i>Laboratory Director, LA IVF Clinic</i> <i>Virtual</i>	Embryo Selection for Transfer: Past, Present, Future
15:15-15:35 Mahsa Shabani, Netherlands <i>Associate Professor, Health Privacy Law and Innovation Department, Faculty of Law, University of Amsterdam</i> <i>Virtual</i>	Polygenic Risk Score for Embryo Selection: Ethical and Legal Considerations
15:35-15:45	Panel Discussion
15:45-16:00 Mohsen Khodadadi, Behrad Royesh Royan Company	Company Symposium: The Role of Engineering Expertise in The Development and Advancement of Medical Devices for Infertility Treatment
16:00-16:30	Coffee Break, Exhibition & Poster Session

Thursday, 4 September 2025, 14:00-16:00, Kharazmi Hall

Sexual Health and Fertility Chairpersons: Maria Sadeghi, Ali Azin, Tahereh Madani, Roya Hosseini, Maryam Barekat (Nursing & Midwifery Seminar, In Persian)	
14:00-14:20 Roya Hosseini, Iran <i>Assistant professor, Department of Endocrinology and Female Infertility, Royan Institute for Reproductive Biomedicine</i> Seyade Saideh Musavi, Iran <i>Department of Reproductive Health and Midwifery, Faculty of Medical Sciences, Iran University of Medical Sciences</i>	Diseases Affecting Sexual and Reproductive Health Health
15:15-15:35 Parisa Samadi, Iran <i>Department Reproductive Health Midwifery, School of Nursing and Midwifery, Tehran University of Medical Sciences</i>	The Role of Midwives and Nurses in The Youth Population Policy with A Focus on Sexual and Reproductive Health
15:40-15:50 Ziba Raiesi Dehkordi, Iran <i>Department of Midwifery, School of Nursing and Midwifery, Shahrekord University of Medical Sciences</i> <i>Oral Presenter</i>	Assessment of the Dimensions and Prevalence of Stigma among Women in Shahrekord
15:50-16:00	Panel Discussion
16:00-16:30	Coffee Break, Exhibition & Poster Session



Thursday 4 September 2025, 16:30-18:30, Abu Rayhan Hall

Unexplained Infertility Chairpersons: Aida Najafian, Fatemeh Keikhah, Serajedin Vahidi, Mahnaz Ashrafi	
16:30-16:50 Nicholas Garrido Puchalt, Spain <i>Director of IVI Foundation & Director of Research Administration at IVI RMA Global Research Alliance</i> Virtual	Sperm DNA Fragmentation and Oxidative Stress
16:55-17:15 Soheila Arefi, Iran <i>Infertility Fellowship, Avicenna Research Institute</i>	The Role of Female Factor in Unexplained Infertility
17:20-17:40 Peyman Salehi, Iran <i>Andrology Fellowship, Clinical Center for Infertility, Isfahan Shahid Beheshti Hospital</i>	Unexplained Male Infertility Reasons
17:45-17:55 Mahna Mansoori, Iran <i>Department of Anatomy, Kerman University of Medical Sciences</i> Top-Score Abstract	MenSCs and Exosomes: A Novel Therapy for Mitochondrial Repair in Polycystic Ovary Syndrome
17:55-18:10 Fatemeh Keikhah, Behestan Company	Company Symposium: Ovarian Stimulation with Corifollitroin alfa (elonva)
18:10-18:30	Panel Discussion

Thursday, 4 September 2025, 16:30-18:30, Kharazmi Hall

Genetics and Reproductive Health Chairpersons: Zahra Hessari, Mohammad Reza Zamanian, Maryam Moshfeghi, Poopak Eftekhari Yazdi (Nursing & Midwifery Seminar, In Persian)	
16:30-16:50 Amir Amiri Yekta, Iran <i>Assistant Professor, Department of Genetics, Royan Institute for Reproductive Biomedicine</i>	Genetic Factors in Male Infertility
16:55-17:15 Majid Zaki Dizaji, Iran <i>Human Genetics Research Center, Baqiyatallah University of Medical Sciences</i>	Genetic Factors in Female Infertility
17:20-17:40 Ali Rashid Nezhad, Iran <i>Maternal, Fetal and Neonatal Research Center, Family Health Research Institute, Tehran University of Medical Sciences</i>	The Necessity of Genetic Counseling in Infertility
17:45-18:05 Atefeh Ebrahimi, Iran <i>Department of Gynecology and Obstetrics, Shohada Hospital, Shahid Beheshti University of Medical Sciences</i>	Evaluation of Advanced Methods for Diagnosing Embryo Health
18:05-18:30	Panel Discussion

Friday 5 September 2025, 08:30-10:30, Allameh Tabatabaee Hall

Reproductive Health Chairpersons: Sadegh Shariati Nasab, Reza Homayounfar, Maryam Hafezi, Seyed Abolhassan Shahzadeh Fazeli	
08:30-08:50 Afshar Jafari, Iran <i>Associate Professor, Department of Biological Sciences in Sport, Faculty of Sport Sciences and Health, Shahid Beheshti University</i>	Fertility and Infertility in Elite Athletes

08:55-09:15 Ghazaleh Eslamian, Iran <i>Assistant Professor, Department of Cellular and Molecular Nutrition, Faculty of Nutrition and Food Technology, Shahid Beheshti University of Medical Sciences</i>	Dietary Influences on Sperm DNA Integrity: Mechanisms, Evidence, and Clinical Implications
09:20-09:40 Reza Omani Samani, Iran <i>Assistant Professor, Department of Andrology, Royan Institute for Reproductive Biomedicine</i>	Islamic Views of Third-Party Assisted Reproduction and Its Influence on Legislation and People's Lives: Iranian Experience
09:45-09:55 Luca Ginaroli, Italy <i>Scientific Director, Interdisciplinary Institute of Reproductive Medicine</i> <i>Virtual</i>	Fertility Free Fall
09:55-10:30	Panel Discussion
10:30-11:00	Coffee Break, Exhibition & Poster Session

Friday 5 September 2025, 08:30-10:30, Kharazmi Hall

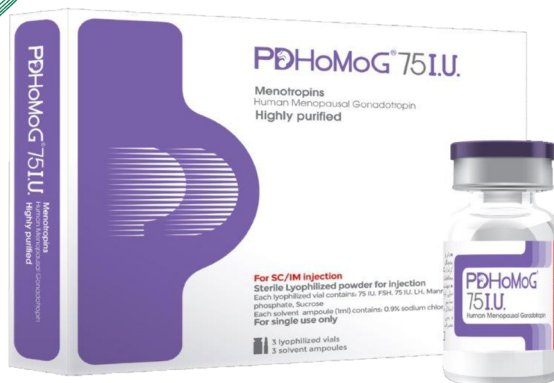
Short Oral Presentations Moderator: Leila Rashki Reviewers: Hossein Eimani, Parvaneh Afsharian, Iraj Amiri, Fardin Amidi, Reza Aflatoonian	
08:30-10:30	Top Abstracts Selected for Short Oral Presentation
10:30-11:00	Coffee Break, Exhibition & Poster Session

Friday 5 September 2025, 11:00-13:00, Allameh Tabatabaee Hall

Advances in Reproductive Biotechnology Chairpersons: Farnoosh Jafarpour, Seyede Zohreh Mirahmadi Zare, Mehdi Hajian, Azam Dalman	
11:00-11:20 Seyed Amir Hossein Jalali, Iran <i>Associate Professor, Department of Natural Resources, Research Institute for Biotechnology and Bioengineering, Isfahan University of Technology</i>	Aptamers in Viral Therapy "In Vitro Studies"
11:25-11:45 Bjorn Oback, New Zealand <i>Associate Professor, Bioeconomy Science Institute, Nelson Research Center</i> <i>Virtual</i>	Male Germline Complementation in NANOS2 Null Sheep and Cattle
11:50-12:10 Young Tang, China <i>Professor, College of Veterinary Medicine, Northwest A&F University</i> <i>Virtual</i>	Derivation of Bovine Embryonic Stem Cells and Exploring Their Differentiation Potential In Vivo
12:15-12:35 Loi Pasqualino, Italy <i>Professor, Department of Veterinary Physiology, University of Teramo</i> <i>Virtual</i>	Alternative Solution (Dry) for Gamete Storage in Farm and Endangered Animals
12:40-12:50 Tayebeh Javadimonfared, Iran <i>Faculty of Sciences and Advanced Technologies in Biology, University of Science and Culture</i> <i>Top-Score Abstract</i>	Improving Mitochondrial Membrane Potential in Frozen Mouse Oocytes Through Green Synthesis of Fe ₃ O ₄ /Honey Nanocomposites
12:50-13:00	Panel Discussion

Friday 5 September 2025, 13:00–14:00, Abu Rayhan Hall (Joint Program)

Closing Ceremony



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