



**25<sup>th</sup>**  
Congress on  
**Reproductive  
Biomedicine**

**20<sup>th</sup>**  
Congress on  
**Stem Cell Biology  
& Technology**



**28-30 August 2024**  
**Tehran - Iran**

**FINAL PROGRAM**



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- دارای پایه چرب و سهولت مصرف
- بسته بندی آلومینیومی و پایداری بهتر



## موثر در درمان:

- سندرم پیش از قاعدگی
- افسردگی پس از زایمان
- خونریزی غیر طبیعی رحم
- نگهداری بارداری در زمان استفاده از ART
- جلوگیری از هایپر پلازی اندومتر در دارودرمانی با استروژن
- آمنوره ثانویه
- جلوگیری از سقط خودبخودی جنین



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بیشتر اسکن کنید.



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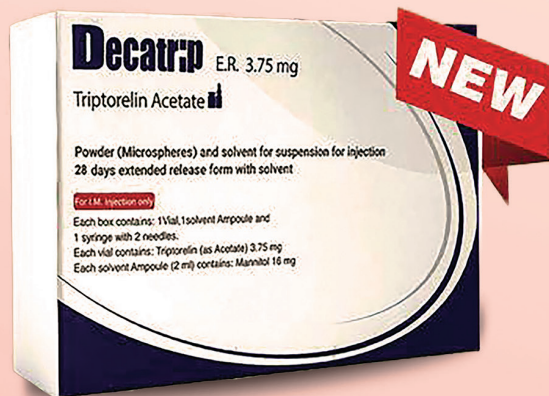
**PDHoMoG**<sup>®</sup>  
Menotropins  
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extended Release  
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**Pooyesh Darou**  
Biopharmaceutical Co.



### کاربردهای درمانی CO2 Fractional آنچلا

- برترین دستگاه CO2 فرکشنال اسمارت، در دنیا
- لابیپلاستی
- لایه برداری سرویکس (سرویسیت ها) و کونیزاسیون
- جوانسازی واژن و فرم دهی ناحیه تناسلی (لیفت پوست و شلی ناحیه خارجی و آماده سازی بافت جهت تزریق فیلر و چربی)
- لایه برداری و روشن کردن پوست
- بهبود ترک های پوستی ناشی از حاملگی یا تغییر سایز
- انجام انواع جراحی های ظریف پوستی و برداشتن ضایعات از قبیل خال، زگیل، اسکین تگ و ...
- رفع تیرگی آگزینا و ژنیتالیا



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ساخت کمپانی

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### کاربرد های دستگاه DQRF

- جوانسازی واژن و فرم دهی ناحیه تناسلی
- رفع تیرگی آگزینا و ژنیتالیا
- لایه بردار و جوان سازی پوست صورت، دست و رفع لکه های قهوه ای روی دست
- لیفت صورت، گردن، رفع خط خنده و کاهش چروک های دور لب بدون جراحی
- درمان چین و چروک های صورت، چروک دور چشم و افتادگی و شل شدگی پوست
- رفع اسکار آکنه و زخم
- کانتورینگ و tightening صورت و بدن / Fractional Resurfacing / Reshaping بدن

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### کاربرد های Magneto STYM™

- درمان انواع بی اختیاری ادرار و مدفوع
- اختلالات جنسی در بانوان و آقایان
- بی اختیاری پس از پروستاتکتومی رادیکال
- درمان خروج باد از واژن
- درمان افتادگی رحم و مثانه
- توانبخشی بعد از جراحی کف لگن
- درمان اختلال نعوظ
- درمان التهاب مزمن پروستات
- اختلالات ناشی از افزایش سن
- توانبخشی عصبی-عضلانی
- بازسازی پس از زایمان









**20<sup>th</sup>**  
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Scientific Program of 20<sup>th</sup> Stem Cell Biology and Technology Congress

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Shahid Beheshti University  
Tehran, I.R. Iran

**Wednesday 28 August 2024, 8:00 - 8:30, Abu Rayhan Hall (Joint Session)**

Opening Ceremony	
8:00 - 8:05	Holy Quran & Iranian National Anthem
8:05 - 8:10 Maryam Hafezi (Iran)	Chairperson of 25 <sup>th</sup> Reproductive Biomedicine Congress
8:10 - 08:15 Leila Taghiyar (Iran)	Chairperson of 20 <sup>th</sup> Stem Cell Biology & Technology Congress
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<i>Chairperson: Abbas Aflatoonian, Mohammad Ali Sadighi Gilani, Hossein Baharvand</i>	
8:30 - 8:55 Mohammad Hossein Nasr Esfahani (Iran)	From Noncommunicable Diseases to Male Infertility: Western Diet Patterns
9:00 - 9:25 Majid Nili Ahmadabadi (Iran)	Artificial Intelligence, Biology and Reciprocal Disruption
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Kazemi Prize
Royan International Research Award - 6 <sup>th</sup> Kazemi Prize Ceremony

**Wednesday 28 August 2024, 12:30 - 13:00, Abu Rayhan Hall (Joint Session)**

<b>Company Symposium</b>	
12:30 - 12:45 Ashraf Moini (Iran)	The Role of Progesterone in ART and Pregnancy <i>Atipharmed Company</i>
12:45 - 12:50 Shahrzad Dehnad (Iran)	Introducing Actogest and Dufamed Produced by Atipharmed Company <i>Atipharmed Company</i>
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13:00 - 14:00	Pray, Lunch, Exhibition & Poster Reading

**Wednesday 28 August 2024, 14:00 - 16:00, Abu Rayhan Hall**

<b>Stem Cells and Molecular Medicine</b>	
<i>Chairpersons: Sharif Moradi, Thomas Bruan</i>	
14:00 - 14:20 Hossein Ghanbarian (Iran)	RNAa-Mediated Epigenetic Attenuation of The Cell Senescence via Locus-Specific Induction of Endogenous SIRT1
14:20 - 14:50 Thomas Bruan (Germany)	Requirements of Stem Cell-Mediated Skeletal Muscle Regeneration
14:50 - 15:10 Sharif Moradi (Iran)	Novel MicroRNAs Enabling The Maintenance and Derivation of Embryonic Stem Cells from Blastocysts
15:10 - 15:35 Vincent Pasque (Belgium) <i>Virtual</i>	Stem Cell-Based Human Embryo Models
15:35 - 16:00 Fuchou Tang (China) <i>Virtual</i>	Single-Cell Omics Sequencing Technologies: The Third Generation
16:00 - 16:30	Coffee Break, Exhibition & Poster Reading

**Wednesday 28 August 2024, 16:30 - 18:30, Abu Rayhan Hall**

<b>Manufacturing of Advanced Therapy Medicinal Products (ATMPs)</b>	
<i>Chairpersons: Ensiyeh Hajizadeh Saffar, Rasoul Dinarvand, Mohammad Amir Amirkhani</i>	
16:30 - 17:00 Fereidon Mahboodi (Iran)	Advances in the Biotechnology Industry in Iran
17:00 - 17:30 Rasoul Dinarvand (Iran)	Nanostructures as Novel Drug Delivery Systems: Fundamental Issues and Market Perspectives
17:30 - 17:50 Ensiyeh Hajizadeh Saffar (Iran)	Industrial Development of Advanced Therapy Medicinal Products
17:50 - 18:10 Mohammad Amir Amirkhani (Iran)	Overview of New Regenerative Medicine Products in ATMP and Future Direction
18:10 - 18:30 Seyedeh Nafiseh Hassani (Iran)	How to Overcome the Regulatory Challenges of CAR-T Cell Therapy



**Thursday 29 August 2024, 8:30 - 10:30, Kharazmi Hall**

Stem Cell Bioengineering	
<i>Chairpersons: Hamed Daemi, Omid Mashinchian, Sasan Jalili</i>	
8:30-8:50 Fatemeh Atyabi (Iran)	Stem cell, Nanotechnology and Regenerative Medicine
8:50-9:20 Sasan Jalili (USA)	Engineering Tools to Interrogate the Host Immunity, Microbiome, and Their Crosstalk
9:20-9:40 Nasrin Lotfibakhshayesh (Iran)	Synthesis of Cell-based Chronic Wound Dressing with Gelatin Methacrylate (GelMA) Hydrogel for Skin Regeneration
9:40-10:10 Omid Mashinchian (Switzerland)	3D Intestinal Organoid Platform to Test Epithelial Recovery Potential of Lead Bioactives
10:10-10:30 Reza Rahbarghazi (Iran)	Mitochondria-Incorporated Electroconductive Alginate-Based Hydrogel Promoted Myocardial Regeneration Via Vascularization In a Rat Model of Myocardial Infarction
10:30 - 11:00	Coffee Break, Exhibition & Poster Reading

**Thursday 29 August 2024, 11:00 - 13:00, Kharazmi Hall**

In Vitro 3D Models for Cardiovascular Research	
<i>Chairpersons: Sara Pahlavan, Huseyin Cagatay Yalcin</i>	
11:00-11:25 Kaveh Roshanbinfar (Germany) <i>Virtual</i>	Electrically Conductive Biohybrid Hydrogels for Maturing Hpsc-Derived Cardiomyocytes and Protecting The MI-Heart against Arrhythmia
11:25-11:55 Kai Wang (China) <i>Virtual</i>	Ipscs-Derived Venous Endothelial Cells for Modeling Vascular Malformation and Drug Discovery
11:55-12:20 Sara Pahlavan (Iran)	Do In Vitro Fabricated Cardiac Microtissues Replace Experimental Models in Cardiovascular Research?
12:20-12:50 Huseyin Cagatay Yalcin (Qatar) <i>Virtual</i>	Computational and Experimental Cardiac Flow Assessment: In Vitro, In Vivo, Clinical
12:50-13:00 Somayeh Torabi (Oral Presentation)	Combined Impact of Neural Stem Cells and Ibrutinib on Neural Tissue Regeneration and Functional Recovery in A Contusion Mouse Model of Spinal Cord Injury
13:00 - 14:00	Pray, Lunch, Exhibition & Poster Reading

**Thursday 29 August 2024, 14:00 - 16:00, Kharazmi Hall**

Revolutionary Eye and Vision Research	
<i>Chairpersons: Leila Satarian, Davood Bashash, Sara Pahlavan</i>	
14:00 - 14:20 Davood Bashash (Iran)	Personalized Medicine: From molecular phenotyping to regenerative medicine
14:20 - 14:40 Zi-Bing Jin (China) <i>Virtual</i>	Human Retinal Organoids for Disease Modeling
Artificial Intelligence (AI) in Biology	
<i>Chairperson: Meghdad Yeganeh, Alireza Mahdavi</i>	
14:40 - 15:00 Behrad Noudoost (USA) <i>Virtual</i>	Prefrontal control of visual signals
15:00 - 15:15 Mohammad Reza Abolghasemi (Iran)	Empowering Parents for Early Childhood Development: A Journey with Kidora
15:15 - 15:30 Seyyed Mahdi Khaligh Razavi (Iran)	AI in Healthcare: Bridging the Gap Between Innovation and Clinical Impact
15:30 - 16:00	Panel Discussion
16:00 - 16:30	Coffee Break, Exhibition & Poster Reading

**Thursday 29 August 2024, 16:30 - 18:30, Kharazmi Hall**

Cancer & Immune Therapy	
<i>Chairpersons: Marzieh Ebrahimi, Nosratollah Zarghami</i>	
16:30 - 16:50 Nosratollah Zarghami (Turkey)	Design and Development of Nano Formulated Bioactive Component for Molecular Targeted Therapy of Cancer Stem Cells
16:50 - 17:15 Wilfred Germeraad (Netherlands) <i>Virtual</i>	Development of Adoptive NK Cell Therapy for Cancer Treatment
17:15 - 17:35 Lisa Porter (Canada) <i>Virtual</i>	Checkpoint Adaption by Cyclin-Like Proteins Promotes Susceptibility for more Aggressive, Drug-Resistant Breast Tumours
17:35 - 18:00 Alireza Pouya (Germany)	The Pantetheinase VNN1 Regulates Energy Metabolism in Acute Myeloid Leukemia Stem Cells by Controlling The Availability of Coenzyme A
18:00 - 18:20 Sanjeev Galande (India) <i>Virtual</i>	Harnessing The Potential Of SATB Family Proteins as a Novel Molecular Target for Cancer Therapy Using Statins
18:20 - 18:30 Shirin Hekmatirad (Iran) <i>(Oral Presentation)</i>	Establishment of Bladder Patient Derived Tumor Organoid for Drug Screening



**Thursday 29 August 2024, 11:00 - 13:00, Allame Tabatabaee Hall**

<b>How Close Are We to Bedside for Bone and Cartilage Tissue Regeneration?</b>	
<i>Chairpersons: Fatemeh Bagheri, Sadegh Hassan Nia, Samaneh Hosseini</i>	
<b>11:00 - 11:20</b> <b>Mahmoud Azami (Iran)</b>	Bioceramics-Based 3D Printed Scaffold for Bone Tissue Engineering
<b>11:20 - 11:45</b> <b>Cecilia Götherström (Sweden)</b> <i>Virtual</i>	Developing a Stem Cell Therapy for Treating Brittle Bone Disease
<b>11:45 - 12:10</b> <b>Sadegh Hassan Nia (Iran)</b>	Customizable Bone Composite Scaffold Incorporating Inductive Molecules: A Novel Approach
<b>12:10 - 12:35</b> <b>Mona Alibolandi (Iran)</b>	Exosome-Based Smart Theranostic Platforms
<b>12:35 - 12:50</b> <b>Samaneh Hosseini (Iran)</b>	The Potential Significance of Extracellular Vesicles in Osteoarthritis Treatment
<b>12:50 - 13:00</b> <b>Hossein Falah Mohammadi (Germany)</b> <i>(Oral Presentation)</i>	Wnt/Beta-Catenin Signaling Regulates Osteoblast Dedifferentiation During Zebrafish Bone Regeneration
<b>13:00-14:00</b>	<b>Pray, Lunch, Exhibition &amp; Poster Reading</b>

**Friday 30 August 2024, 8:30 - 10:30, Abu Rayhan Hall**

<b>Regenerative Medicine: Novel Approaches</b>	
<i>Chairpersons: Massoud Vosough, Peter Timashev</i>	
<b>8:30 - 9:00</b> <b>Peter Timashev (Russia)</b>	Bioprinting of the Made-to-Order Organs
<b>9:00 - 9:30</b> <b>Ehsan Arefian (Iran)</b>	Glioblastoma Gene Therapy: Using Cocktail Constructs
<b>9:30 - 10:00</b> <b>Nastasia Kosheleva (Russia)</b>	Impact of Culture Conditions on Cytokine Expression in Mesenchymal Stromal Cells: Implications For Regenerative Medicine
<b>10:00 - 10:30</b> <b>Mahzad Akbarpour (USA)</b> <i>Virtual</i>	Liver Gene Therapy Platform for Therapeutic Induction of Immunological Tolerance in Type 1 Diabetes
<b>10:30 - 11:00</b>	<b>Coffee Break, Exhibition &amp; Poster Reading</b>



**Friday 30 August 2024, 11:00 - 13:00, Abu Rayhan Hall**

Developmental Biology and Stem Cells	
<i>Chairpersons: Hossein Baharvand, Bahman Zeinali</i>	
11:00 - 11:20 Bahman Zeinali (Iran)	Wnt Signaling In Stem Cell Differentiation And Tissue Regeneration
11:20 - 11:45 Heidar Heidari khoee (Austria) <i>Virtual</i>	Decoding Early Human Development with Blastoids
11:45 - 12:10 Koichi Kawamaki (Japan) <i>Virtual</i>	Transposon-Mediated Genetic Methods In Zebrafish And Their Applications To The Study Of Neuroscience
12:10 - 12:40 Nicolas Rivron (Austria) <i>Virtual</i>	The Evolution Of Human Blastocyst Development And Implantation
12:40 - 13:00 Marta Shahbazi (UK) <i>Virtual</i>	Mechanisms of Embryo Failure at Implantation
13:00-14:00	Pray, Lunch, Exhibition & Poster Reading

**Friday 30 August 2024, 8:00 - 10:30, Allame Tabatabaee Hall (Joint Program )**

Best Poster Presentation (Short Lectures)	
<i>Chairpersons: Marzieh Tavalae, Leila Satarian</i> <i>Reviewers: Fereshteh Karamali, Mehdi Hajian, Masoud Bazrgar, Sara Pahlavan, Mohammad Hossein Ghanian, Fatemeh Bagheri, Ann Meyfour, Samaneh Hosseini</i>	
8:00 - 9:30 <i>Stem Cell Congress</i>	Best Poster Candidates' Presentations
9:30 - 10:30 <i>Reproductive Congress</i>	Short Oral Presentations
10:30 - 11:00	Coffee Break, Exhibition & Poster Reading

**Friday 30 August 2024, 11:00 - 13:00, Allameh Tabatabaee Hall**

Meeting with Editors	
<i>Chairpersons: Sharif Moradi, Massoud Vosough, Peter Timashev, Mohammad Hossein Nasr Esfahani</i>	
11:00 - 13:00	Panel Discussion





20<sup>th</sup>

Congress on Stem Cell Biology and Technology

Friday 30 August 2024, 13:00 - 13:30, Abu Rayhan Hall (Joint Program)

Closing Ceremony	
13:00 - 13:30 Both Congresses	Royan Congresses Prize Ceremonies (Best Audience, Best Poster, Best Poster Reader, Best Poster Presenter)



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**Wednesday 28 August 2024, 14:00 - 16:00, Kharazmi Hall**

Genetics of Infertility: New Insight in Prediction and Diagnosis	
<i>Chairpersons: Hassan Shahzadeh Fazeli, Amir Amiri Yekta, Hossein Mozdarani, Mohammad Hossein Sanati</i>	
14:00 - 14:20 Seyed Mohammad Seyed Hassani (Iran)	A Simultaneous Next-Generation Sequencing Approach to The Diagnosis of Couple Infertility
14:25 - 14:45 Nasser Aghdami (Iran)	Autoimmune Disease-Related Hub Genes in Infertility
14:50 - 15:10 Samaneh Saboori Darabi (Iran)	Identification of Candidate Genes for Uterine Leiomyoma by Family-Based Exome Sequencing
15:15 - 15:35 Fattaneh Khajeh Hosseini (Iran) <i>(Oral Presentation)</i>	Evaluating Blastocoel Fluid DNA Quantification and Gel Electrophoresis Band Intensity as Alternative Methods for Predicting Ploidy Status and Selecting Viable Human Embryos
15:40 - 16:00	Panel Discussion
16:00 - 16:30 Coffee Break, Exhibition & Poster Reading	

**Wednesday 28 August 2024, 16:30 - 18:00, Kharazmi Hall**

Animal Biotechnology	
<i>Chairpersons: Mohammad Hossein Nasr Esfahani, Farnoush Jafarpour, Vahid Esmaeili Borzabadi, Mehdi Hajian</i>	
16:30 - 16:50 Marc André Sirard (Canada) <i>Virtual</i>	Epigenetic Programming of Embryos in the Cow Model
16:55 - 17:15 Farzad Ghafouri (UK)	Construction of a circRNA–lincRNA–lncRNA–miRNA–mRNA ceRNA Regulatory Network Identifies Genes and Pathways Linked to Goat

<b>Virtual</b>	Fertility
<b>17:20 - 17:40</b> <b>Xiuchun Cindy Tian (USA)</b> <b>Virtual</b>	Establishment of Bovine-Induced Pluripotent Stem Cells
<b>17:45 - 18:05</b> <b>Masoumeh Naserkheil (Iran)</b>	Exploring Hub Genes in Bovine Mastitis: Insight from Multi-Omics and Network Analysis
<b>18:10 - 18:30</b>	Panel Discussion

**Wednesday 28 August 2024, 14:00 - 16:00, Allame Tabatabaee Hall**

<b>A Review of The Latest Infertility Achievements in Treatment Protocols</b> <i>(Nursing &amp; Midwifery Seminar- In Persian)</i>	
<b>Chairperson: Zahra Hessari</b> <b>Panel members: Marzieh Farimani, Mahnaz Ashrafi</b>	
<b>14:00 - 14:20</b> <b>Marzieh Farimani (Iran)</b>	Applications of PRP in Infertility
<b>14:25 - 14:45</b> <b>Mansoureh Yazdkhasti (Iran)</b>	Mobile App and Personalized ART
<b>14:50 - 15:10</b> <b>Mozhgan Soltani (Iran)</b>	Familiarity with New Protocols of Embryo Transfer
<b>15:15 - 15:35</b> <b>Samira Ghorbani (Iran)</b> <i>(Oral Presentation)</i>	Recurrent Implantation Failure and Sexual Function in Infertile Iranian Women: A Comparative Cross-Sectional Study
<b>15:40 - 16:00</b> <b>Neda Alimohammadi (Iran)</b> <i>(Oral Presentation)</i>	The Comparison of General Health Between Fertile and Infertile Women in Hamadan, Iran
<b>16:00 - 16:30</b>	<b>Coffee Break, Exhibition &amp; Poster Reading</b>

**Wednesday 28 August 2024, 16:30 - 18:00, Allame Tabatabaee Hall**

<b>The Role of Environmental and Chemical Contaminants on Fertility</b> <i>(Nursing &amp; Midwifery Seminar- In Persian)</i>	
<b>Chairpersons: Naeimeh sadat Mirghavameddin</b> <b>Panel members: Nima Narimani, Tahereh Madani, Somayeh Aftabsavad</b>	
<b>16:30 - 16:45</b> <b>Tahereh Madani (Iran)</b>	The Effect of Environmental and Chemical Contaminants on Female Infertility



# Royan International Twin Congress

16:50 - 17:05 Nima Narimani (Iran)	The Effect of Environmental and Chemical Contaminants on Male Infertility
17:10 - 17:25 Somayeh Aftabsavad (Iran)	Epigenetics and Contaminants
17:30 - 17:45 Shahideh Jahanian (Iran)	Care and Lifestyle in Preventing the Effect of Environmental and Chemical Contaminants on Infertility
17:45 - 18:00	Q&A

**Thursday 29 August 2024, 8:30 - 10:30, Abu Rayhan Hall**

Infection & ART	
<i>Chairpersons: Nasser Aghdami, Mehrangiz Zangeneh, Parvaneh Ebrahimi, Seyed Davar Siadat</i>	
8:30 - 8:45 Zahra Ahmadinejad (Iran)	Possible Effects of Hepatitis B infection on Infertility Treatment Outcomes
8:50 - 9:05 Ashraf Moini (Iran)	Interaction between endometriosis and bacteria in infertile women in Iran
9:10 - 9:25 Ladan Abbasian (Iran)	HIV & Infertility
9:30 - 9:50 Germar-Michael Pinggera (Italy) <i>Virtual</i>	Microbiome in the Male Genital Tract
9:55 - 10:10 Tahereh Sourì (Iran)	HPV and Infertility
10:15 - 10:30	Panel Discussion
10:30 - 11:00 Coffee Break, Exhibition & Poster Reading	

**Thursday 29 August 2024, 11:00 - 13:00, Abu Rayhan Hall**

Ethics & ART / Company Symposium	
<i>Chairpersons: Reza Ommani Samani, Sadegh Shariati Nasab, Firouzeh Ghaffari</i>	
Ehsan Shamsi Gooshki (Iran) 11:00 - 11:20	Ethical Analysis of providing Assisted Reproductive Technology in Iran
11:25 - 11:45 Ali Azin (Iran)	Gender Dysphoria and Fertility Preservation as a Sexual and Reproductive Health Right
11:45 - 12:00	Panel Discussion
<b>Company Symposium</b>	



12:00 - 12:20 Ashraf Moini (Iran)	Ovarian Stimulation in ART in PCOS patient <b>Orkid Pharmed Company</b>
12:20 - 12:40 Aida Najafian (Iran)	Control Ovarian Stimulation <b>Royan Daroo Company</b>
12:40 - 13:00 Ashraf Moini (Iran)	The Choice of Gonadotropins for Clinical Use in the Treatment of Infertility <b>Pooyesh Daroo Company</b>
13:00 - 14:00	Pray, Lunch, Exhibition & Poster Reading

**Thursday 29 August 2024, 14:00 - 16:00, Abu Rayhan Hall**

Is Platelet Rich Plasma (PRP) Effective in ART? Looking for Evidence	
<i>Chairperson: Abbas Aflatoonian, Ensieh Shahrokh Tehrani Nejad, Saghar Salehpour, Mohamad Ebrahim Parsanezhad, Tahereh Madani</i>	
14:00 - 14:15 Mohamad Hossein Mohammadi (Iran)	How to Standardize PRP and International Protocol
14:20 - 14:35 Sedigheh Hosseini (Iran)	Endometrial PRP
14:40 - 14:55 Shahrzad Moineddin (Iran)	Ovarian PRP: Yazd Experience
15:00 - 15:15 Marzieh Farimani (Iran)	Rejuvenation in the Ovary: Iranian Experience
15:20 - 15:35 Mohammad Ali Saddighi Gilani (Iran)	Autologous Platelet-Rich Plasma (PRP) and Stem Cell Therapy for Male Infertility
15:40 - 16:00	Panel Discussion
16:00 - 16:30	Coffee Break, Exhibition & Poster Reading

**Thursday 29 August 2024, 16:30 - 18:30, Abu Rayhan Hall**

How to Improve Reproductive Outcomes?	
<i>Chairperson: Mahnaz Ashrafi, Poopak Eftekhari Yazdi, Nima Narimani, Ahmad Hosseini, Mohammad Reza Zamanian</i>	
16:30 - 16:45 Iman Halvaei (Iran)	The Role of Sperm in ART Success Rate
16:50 - 17:10 Svetlana Madjunkova (Canada) <i>Virtual</i>	Advanced Methods to Select Embryos for Transfer
17:15 - 17:30 Mohammad Ebrahim Parsanezhad (Iran)	Evaluating Intervention in Infertile Women



17:35 - 17:50 Ahmad Hosseini (Iran)	Enhancing Quality Control in ART Laboratories for Optimal Success
17:55 - 18:05 Kiandokht Roustaie (Iran) <i>(Oral Presentation)</i>	Intrauterine Insemination before Transfer of Frozen-Thawed Embryo in Women over 40 Years Old with Recurrent Implantation Failure (RIF): A Randomized Prospective Study
18:05 - 18:15 Shirin Dehghan (Iran) <i>(Oral Presentation)</i>	Prediction of IVF Success Based on Machine Learning Approaches: A Development and Validation Study
18:15 - 18:30	Panel Discussion

**Thursday 29 August 2024, 08:30 - 10:30, Allame Tabatabaee Hall**

Engineering Approaches in Reproduction	
<i>Chairpersons: Mansoureh Movahedin, Morteza Korouji, Mohammad Hossein Ghanian, Azam Dalman</i>	
8:30 - 8:50 Sadegh Ghorbani (USA) <i>Virtual</i>	Advanced Bioengineering of Female and Male Germ Cells
8:55 - 9:10 Fatemeh Asgari (Iran)	Optimization of Decellularized of Human Placental Macroporous Scaffolds for Proliferation and differentiation of Spermatogonial Stem Cells
9:15 - 9:35 Christiani C. Amorim (Belgium) <i>Virtual</i>	Advances in Developing a Transplantable Engineered Ovary
9:40 - 9:55 Faezeh Moraveji (Iran)	Improved Testicular Organoid Development by Inhibition of TGF- $\beta$ Signaling Pathway
10:00 - 10:10 Leila Rashki (Iran) <i>(Oral Presentation)</i>	Hyaluronic Acid - Alginate Hydrogel for The Transdifferentiating of Testis Cells into Erythrocyte and Hepatocyte-Like Cells; A Practice Within an Effective Agent Choice
10:15 - 10:30	Panel Discussion
10:30 - 11:00	Coffee Break, Exhibition & Poster Reading

**Thursday 29 August 2024, 14:00 - 16:00, Allame Tabatabaee Hall**

Familiarity and Therapeutic Management of Endometriosis Patients <i>(Nursing &amp; Midwifery Seminar- In Persian)</i>	
<i>Chairperson: Maria Sadeghi</i>	
<i>Panel members: Ashraf Moini, Reihaneh Hosseini, Fatemeh Akyash</i>	
14:00 - 14:15 Ashraf Moini (Iran)	Definition, causes and diagnosis

14:20 - 14:35 Reihaneh Hosseini (Iran)	Surgical and non-surgical treatments
14:40 - 14:55 Fatemeh Akyash (Iran)	The effect of endometriosis on oocyte and embryo
15:00 - 15:15 Masoumeh Namazi (Iran)	Quality Care and Lifestyle
15:20 - 16:00	Panel Discussion
16:00 - 16:30	Coffee Break, Exhibition & Poster Reading

Thursday 29 August 2024, 16:30 - 18:30, Allame Tabatabaee Hall

Fertility Preservation <i>(Nursing &amp; Midwifery Seminar- In Persian)</i>	
Chairperson: Zahra Ezabadi Panel Members: Farid Zeinali, Firoozeh Ghaffari, Hossein Imani, Reza Samani	
16:30 - 16:45 Maryam Bagheri (Iran)	Management of the Freezing Process
16:50 - 17:05 Mina Jafarabadi (Iran)	Social Fertility, Oncofertility
17:10 - 17:25 Farid Zeinali (Iran)	Sperm Freezing
17:30 - 17:45 Hossein Imani (Iran)	The Quality of Frozen Oocyte and Sperm from the Point of View of Embryology
17:50 - 18:10 Samira Vesali (Iran) <i>(Oral Presentation)</i>	The Practice of Related Professionals to Preserve Fertility in Cancer Patients: Looking at The Level of Knowledge and Attitudes of Cancer Patients and Related Professionals
18:10 - 18:30 Reza Ommani Samani (Iran)	Fertility preservation from the point of view of ethics and rights

Friday 30 August 2024, 8:00 - 10:30, Allame Tabatabaee Hall (Joint Session)

Best Poster Presentation (Short Lectures)	
Chairpersons: Marzieh Tavalae, Leila Satarian Reviewers: Fereshteh Karamali, Mehdi Hajian, Masoud Bazrgar, Sara Pahlavan, Mohammad Hossein Ghanian, Fatemeh Bagheri, Ann Meyfour, Samaneh Hosseini	
8:00 - 9:30 Stem Cell Congress	Best Poster Candidates' Presentations





9:30 - 10:30 <i>Reproductive Congress</i>	Short Oral Presentations
10:30 - 11:00	Coffee Break, Exhibition & Poster Reading

**Friday 30 August 2024, 8:30 - 10:30, Kharazmi Hall**

Predictive Issue to Overcome Black Box in RSA & RIF	
<i>Chairpersons: Hamid Gourabi, Parisa Mostafaie, Fatemeh Keikha, Mohamad Hossein Nasr Esfahani</i>	
8:30 - 8:50 Mohammad Hossein Nasr Esfahani (Iran)	Reassessing Recurrent Implantation Failure Challenges: Unraveling the Misunderstood Phenomenon in Human Fertility
8:55 - 9:15 Sedigheh Esmailzadeh (Iran)	Different Strategies to Overcome RSA & RIF According to New Guidelines
9:20 - 9:30 Samaneh Esmaeili (Iran) <i>(Oral Presentation)</i>	Fertilization rate comparison in Intracytoplasmic Sperm Injection (ICSI) cycles with second ejaculated sperm sample versus (Testicular sperm extraction) TESE sample in patients with high Deoxyribonucleic acid (DNA) Fragmentation Index (high DFI)
9:35 - 9:55 Antonio Capalbo (Spain) <i>Virtual</i>	Genomic Medicine and Emerging Technologies for a Better Understanding of RIF and RSA
10:00 - 10:30	Panel Discussion

**Friday 30 August 2024, 11:00 - 13:00, Kharazmi Hall**

Endometriosis & Adenomyosis	
<i>Chairperson: Ashraf Moini, Mehdi Mehdizadeh, Maryam Niknejadi, Khadijeh Shadjo</i>	
11:00 - 11:15 Mathilde Bourdon (France) <i>Virtual</i>	Embryological Aspects in the Management of Endometriosis or Adenomyosis (Oocyte, Embryo, and Endometrial Receptivity)
11:20 - 11:35 Morteza Sanei Taheri (Iran)	Interventional Treatment of Endometriosis
11:40 - 11:55 Simone Ferrero (Italy) <i>Virtual</i>	Adenomyosis and Endometriosis: New Insights on The Pathogenesis and Treatments
<i>Panel Discussion:</i>	
<i>Mediator: Saeed Alborzi</i>	
<i>Panel Members: Ziba Zahiri Sorouri, Tahereh Pourdast, Elham Asgari</i>	
12:00 - 13:00 Saeed Alborzi (Iran)	New Updates in Endometriosis
13:00- 14:00	Pray, Lunch, Exhibition & Poster Reading

**Friday 30 August 2024, 13:00 - 13:30, Abu Rayhan Hall (Joint Program)**

Closing Ceremony	
13:00 - 13:30 Both Congresses	Royan Congress Prize Ceremony (Best Audience, Best Poster, Best Poster Reader, Best Poster Presenter)

# پارس ژن

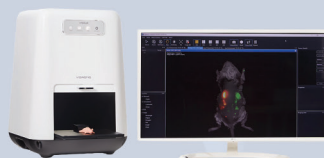
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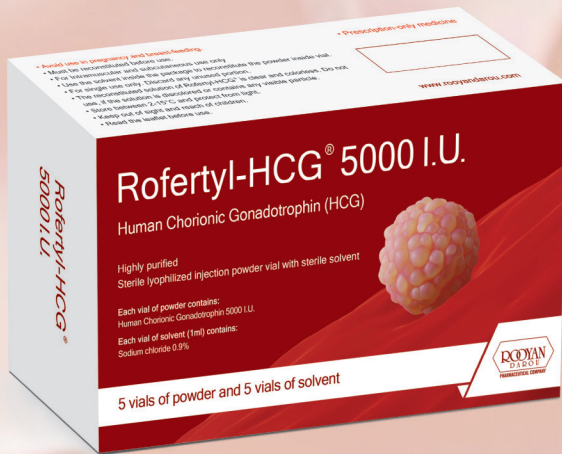
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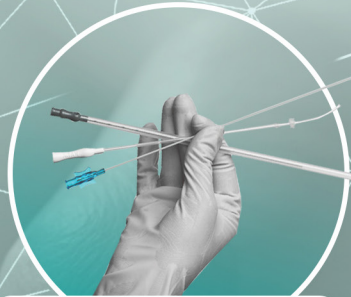
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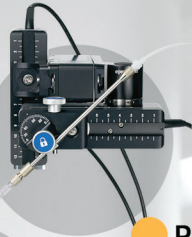
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