

## A visual Report on the 23<sup>rd</sup> International Royan Congress



*The 23<sup>rd</sup> Royan International Congress comprised of two concurrent 23<sup>rd</sup> Congress on Reproductive Biomedicine and the 18<sup>th</sup> Congress on Stem Cell Biology and Technology was held on 7-9 September 2022 at Razi International Conference Center. A collection of more than 1245 International and Iranian participants took part in the congress.*

*Given continuing the COVID-19 pandemic and similar to the last years, the Royan International Hybrid Congress (2022) hosted 50 world-class distinguished scholars from all around the world as well as 3 winners of 21<sup>st</sup> International Research Award (2022) & 2 Selected Iranian Scientist who were invited to join the congress to present their latest clinical practices and scientific achievements in a wide range of multidisciplinary scientific themes related to infertility and stem cell queries.*





Dr. Mohammadreza Pourabedi,  
Deputy of Research and Technology in ACECR

*As one of the major annual scientific events in Iran, the congress also welcomed the participation of many high-ranked officials in the fields of science and technology and the Academic Center of Education, Culture, and Research (ACECR) who specifically highlighted the significance of transforming the scientific knowledge to the new source of revenues through furthering close collaborations with foreign countries.*



Dr. Abdolhossein Shahverdi,  
President of Royan Institute



Dr. Yunes Panahi, Deputy Minister of  
Research and Technology of the Ministry of  
Health

Dr. Amir Ali Hamidieh, Secretary of  
Council for Development of Stem Cell  
Sciences & Technologies





***Bahar Movaghar, Ph.D.***

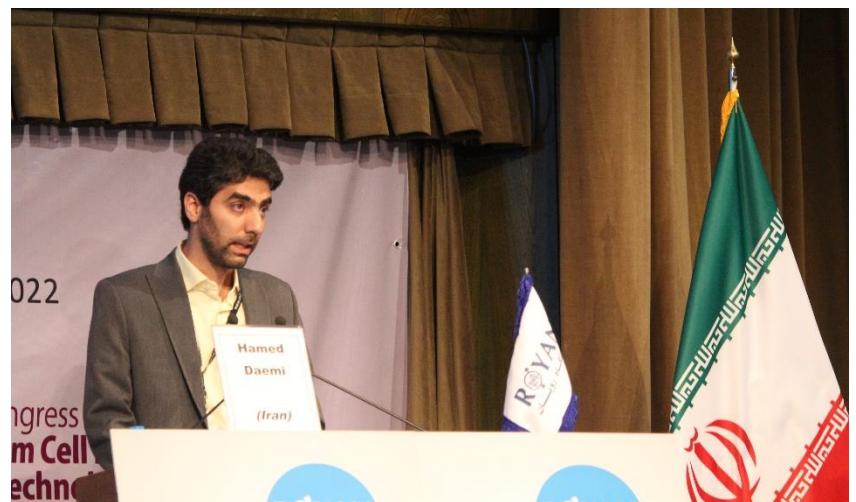
*Chairperson of the 23<sup>rd</sup> Congress on Reproductive Biomedicine*

***Scientific Sessions of 23<sup>rd</sup> Royan International Congress on Reproductive Biomedicine:***

- *Cryopreservation For Adult and Prepubertal Patients at Risk of Infertility*
- *Reproductive Animal Biotechnology: Implications and Potentials*
- *Male Infertility: Pathogenesis, Diagnosis and Treatment*
- *Endometriosis: Clinical Presentation and Imaging Features*
- *Reproductive Genetics*
- *Lab Strategies Towards Single Embryo Transfer*
- *Metabolic Disorders in Reproductive Health*
- *Repeated Implantation Failure (RIF) and Recurrent Spontaneous Abortion (RSA): Clinical and Molecular Aspects*
- *Challenges Affecting Outcomes of ART Cycles; Proven and Unproven Methods for Diagnosis and Treatment of Infertility*
- *Animal Models and Reproductive Medicine*

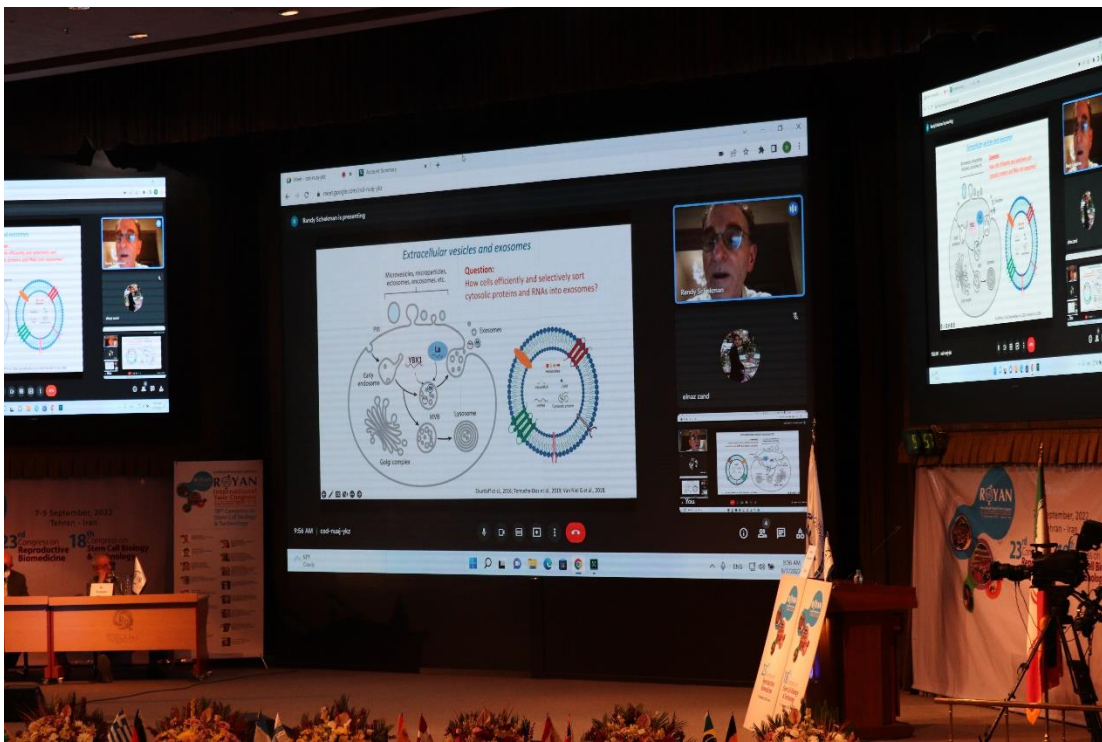
***Hamed Daemi, Ph.D.***

*Chairperson of the 18<sup>th</sup> Congress on Stem Cell Biology & Technology*



***Scientific Sessions of 18<sup>th</sup> Royan International Congress on Stem Cell Biology & Technology:***

- *Biofabrication*
- *Controlled Delivery Systems*
- *Molecular Biomedicine*
- *Extracellular Vesicles*
- *Regenerative Medicine Products*
- *Regenerative Medicine*
- *Materials Science in Tissue Engineering*
- *Organoids*



*Randy Schekman, USA*  
*Session: "Keynote lectures"*



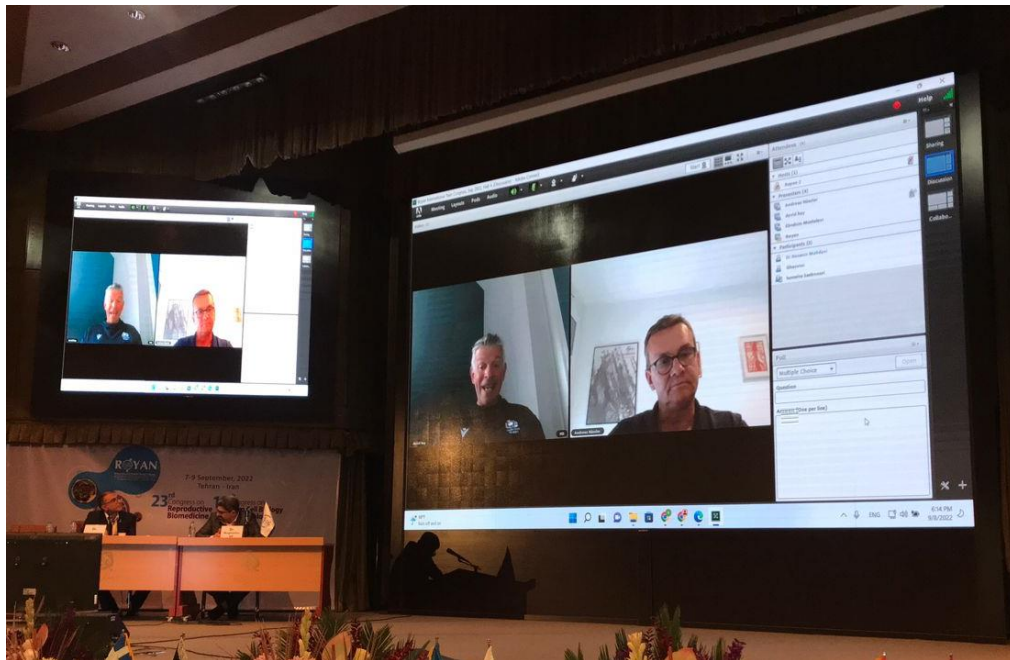
*Fatima Hussain, UK*  
*Session: "Introduction and treatment management in diminished ovarian reserve"*



*Ali Honaramooz, Canada*  
*Session: "Animal models and reproductive medicine"*

*Zahra Anwar, USA*

*Session: "Animal models and reproductive medicine"*



*Andreas Nüssler, Germany*

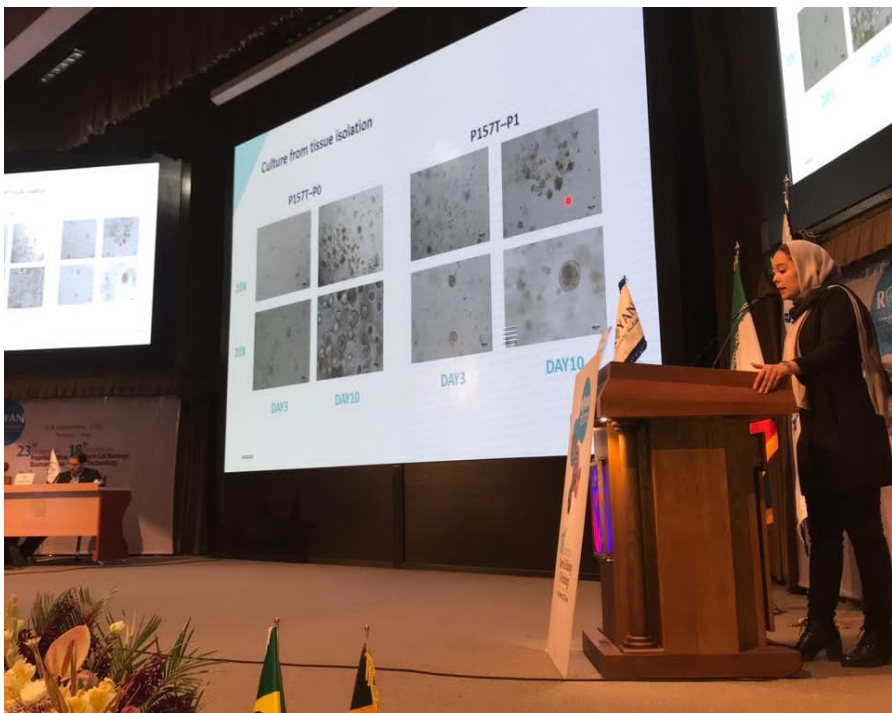
*David Hay, Uk*

*Session: "Regenerative medicine"*

*Jorge Hallak, Brazil*

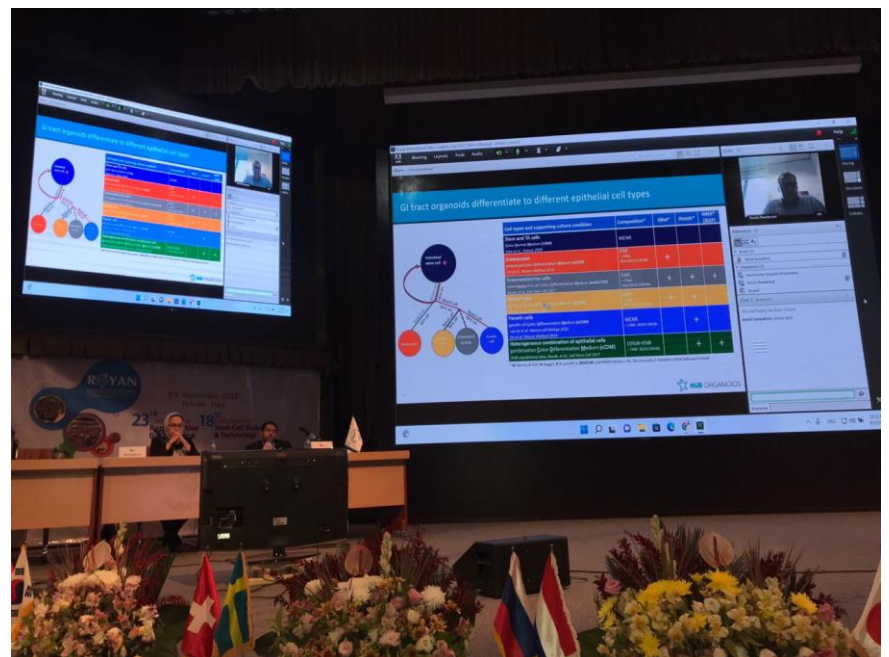
*Session: "Keynote closing"*





*Mahsa Mollapour Sisakht, Netherlands*

*Session: "Organoids"*



*Farzin Pourfarzad, Netherlands*

*Session: "Organoids"*



*Omid Mashinchian, Switzerland*

*Session: "Biofabrication"*

## 21<sup>st</sup> Royan International Research Award:

National Winner of the 21<sup>st</sup> Royan International Research Award (RIRA)

**Dr. Marziyeh Tavalaei (Iran):** *in the field of Male Infertility for the Project:* Could artificial oocyte activation following ICSI improve fertilization, and pregnancy in couples with male factor infertility.

**Dr. Mehdi Jaymand (Iran):** *in the field of Biofabrication for the Project:* Electrically conductive scaffolds for tissue engineering: Advantages, challenges, and perspectives.

**Iman Shabani (Iran):** *in the field of Biofabrication for the Project:* Development of bioactive dopants to design PANI-based conductive scaffolds for tissue engineering applications.



Selected Iranian Scientists of the 21<sup>st</sup> RIRA among Iranian congress invited speakers

**Prof. Ali Honaramooz (Canada):** *in the field of Animal models and reproductive medicine for the Project:* The application of animal models in preservation of male fertility.

**Dr. Omid Mashinchian (Switzerland):** *in the field of Biofabrication for the Project:* An engineered multicellular stem cell niche for studying disease, aging and regeneration.

### Short Oral Presentations:

Bases on the score, 13 abstracts were accepted as short oral presentation in 23<sup>rd</sup> Royan International Congress on Reproductive Biomedicine (2022), that were presented in the form of short oral presentation (5-7 minutes long) and were reviewed in front of reviewers and audiences.



## *Best Short Oral Presentation*

### *Contest:*

*The selected oral presenter was further engaged in a serious competition, reviewed by more than 4 referees.*



### *Best Poster Contest:*

*During the congress, the posters presenters were judged by juries to be nominated for BEST POSTER Contest.*

