The 19th Royan International Congress comprised of two concurrent 19th Congress on Reproductive Biomedicine and 14th Congress on Stem Cell Biology and Technology was held on 29-31 August 2018 in Razi International Conference Center. A collection of more than 2400 International and Iranian participant took part in the congress.
Just like previous congresses, the 19th Congress (2018) hosted 25 world-class distinguished scholars as well as 5 winners of 19th International Research Award (2018), were invited to the Congress to present their latest clinical practices and scientific achievements in a wide range of scientific themes related to infertility and stem cell queries.
Opening Ceremony

Marzieh Shiva, MD
The Chairperson of
19th Congress on Reproductive Biomedicine

Sara Pahlavan, PhD
The Chairperson of
14th Congress on Stem Cell Biology & Technology
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. Amir Ali Hamidieh

Secretary of Development of Stem Cell Sciences and Technologies Council

Dr. Mohammad Ali Sadighi Gilani

President of Iranian Society for Reproductive Medicine (ISRM)
Prof. Michele De Luca (Director and Gene Therapy program Coordinator, at the center for Regenerative Medicine, Stefano Ferrari, Italy) has won the Kazemi prize for the research project titled:

“Skin regeneration with insights”

Kazemi Prize is an international Prize which was established in 2010 to respect the efforts and revive the memories of Dr Saeid Kazemi Ashtiani; the late founder of Royan Institute. Kazemi Prize is awarded to a scientist or scientists who have made an outstanding contribution to biological sciences and health promotion. It consists of a medal, a diploma, and a cash award.
Invited Speakers- 14th Royan International Congress on Stem Cell Biology and Technology

The 14th Congress main themes also included Pluripotent Stem Cells (Part I), Stem Cells and Regenerative Medicine in Neurodegenerative Diseases (Part I), Pluripotent Stem Cells (Part II), Stem Cell Technology (Part I), Recent Advances in Stem Cells and Regenerative Medicine (Part II), Recent Advances in Stem Cells and Regenerative Medicine in Neurodegenerative Diseases (Part II), Stem Cell Technology (Part II).
The 19th Congress main themes were meticulously organized around the current scientific issues in the fields as well as the invited speakers’ expertise. The themes and scientific sessions included ART Challenges, ART Success: Opportunities & Threats (Panel Discussion & Case Presentation), Precision Medicine in Control Ovarian Stimulation, Environmental Factors & Lifestyle in Fertility and Reproductive Toxic, Gametes & Embryo Screening: New Approaches, Animal Biotechnology, Fertility Preservation, Andrological Surgery, Repro-Immunotherapy & Reprogenetics.
19th Royan International Congress on Reproductive Biomedicine - Invited Speakers

Navid Manuchehrabadi (Iran)
Session: “Gametes and Embryo Screening: New Approaches”

Fakhera Feroz (UK)
Session: “Environmental Factors and Lifestyles in Fertility and Reproductive Toxin”

Saviero Bellusci (Germany)
Session: “Presentation of 19th Royan Research Award”

Ali Fouladi Nashta (Germany)
Session: “Presentation of 19th Royan Research Award”
Session: “ART Challenges: Panel Discussion”
Some of the invited speakers participated in 19th congress on reproductive biomedicine through video conferencing sessions.
**Best Poster Contest**

20 posters with top scores (out of 30) were selected for *Poster Presentation Section*. During the congress, the posters presenters were judged by juries to be nominated for BEST POSTER Contest.
Official Visit to Royan Research Institute:
As part of the annual plan of the congress, the invited speakers of the 19th Congress on reproductive biomedicine and 14th congress on stem cell biology & technology had an official visit of Royan Research Institute; the visit included diverse specialized laboratories where invited speakers received comprehensive information on the various activities and studies of these labs. The invited speakers were accompanied by researchers and lab technicians.
Beside congress, there were numerous Pre-Congress workshops and symposium:

- Isolation and Purification of Mesenchymal Stem Cell from Various References: Bone Marrow Dental Pulp and Adipos Tissue
- Theoretical and Practical Workshop for the Isolation and Culture of Mammalian Spermatogonial Stem Cells
- Premature Ovarian Insufficiency
- Assessment of DNA Sperm Fragmentation and Clinical Approaches
- Histology Basics Immune-Staining
Royan Institute Gala Dinner