

Congress Report



The 18th Royan International Congress comprised of two concurrent 18th Congress on Reproductive Biomedicine and 13th Congress on Stem Cell Biology and Technology was held on 30 August-1 September, 2017 in Milad Tower International Conference Center. A collection of more than 1800 International and Iranian participant took part in the congress.



Parvaneh Afsharian, PhD

*The Chairperson of
18th Congress on Reproductive
Biomedicine
(On the left)*

Koorosh Shahpasand, PhD

*The Chairman of
13th Congress on Stem Cell Biology &
Technology
(On the right)*



Dr. Petra Thorn (Germany)



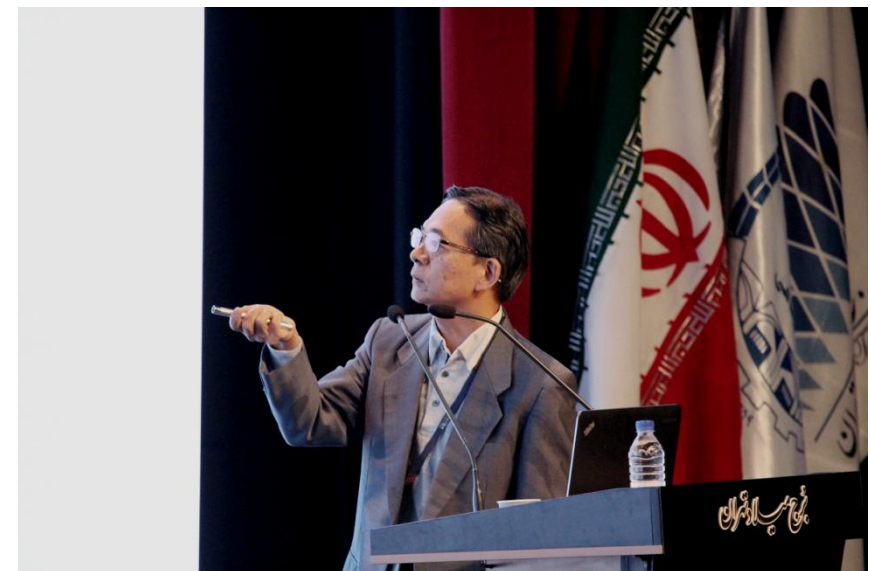
Prof. Maher Atari (Spain)

A large number of internationally distinguished researchers as well as 5 winners of 18th International Research Award (2017) were invited to this congress to present their researches and discuss their recent findings in a wide range of infertility and stem cell related scientific themes.

Prof. Khuloud Al-Jamal (UK)



Prof. Shin-ichi Hisanaga (Japan)





From the Left: *Dr. Petra Thorn (Germany), Prof. Thomas Braun (Germany), the Award Winner of 18th Royan Research Award as well as and the Invited Speaker of 13th Congress on Stem Cell Biology and Technology, Prof. Jorn Walter (Germany) and Prof. Farzin Farzaneh (UK)*



From the left:

Dr. Abdollah Jasbi,

Dr. Sorena Sattari (third on the left), Dr.

Dr. Hamid Gourabi

As one of the major annual scientific events in Iran, the congress also welcomed the participation of many *high ranked governmental officials* in the field of science and technology; this include the presence of *Dr. Sorena Sattari, the Vice-presidency of Science and Technology of the Presidenct of Islamic Republic of Iran* who specifically highlited the importance of transforming the scientific knowledge to the new source of reneuves through furthering close collaborations with foreign countries.



The Poster Section: Environmental Friendly

The poster section is considered to be a vital part of the Royan annual congress where audiences and poster presenter are in direct contact through dialogues and discussion. This year, the poster presentation was in digital form that added a delicate and special taste to the congress by avoiding the paper-print of almost more than 300 posters.



Official Visit to Royan Research Institute:

As part of the annual plan of the congress, the invited speakers of the 18th Congress on reproductive biomedicine and 13th 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 researches of these labs.

The invited speakers were accompanied by researchers and lab technicians.



18th International Royan Award Ceremony:

The 18th Royan International Award Ceremony was held on Thursday, 31 August, 2017 during Royan International Twin Congress.



International Award Winners:
(From the Left)

Prof. Kaleque Khan (Japan) in *Female Infertility* for the Project:
Molecular Detection of Intrauterine Microbial Colonization in Women with Endometriosis

Prof. Kaei Nasu (Japan) in *Reproductive Genetics* for the Project:
Roles of Aberrantly Expressed microRNAs in Endometriosis

Prof. David Greening (Australia) in *Reproductive Embryology* for the Project:
Exosomes: A New Paradigm in Embryo Maternal Cross-Talk for Successful Implantation

Prof. Ricardo Fodd (Netherlands) in *Stem Cell* for the Project:
Diet, Inflammation, and Stem Cells: Trading Off Regenerative Response with Cancer Risk

&

Prof. Thomas Braun (Germany) in *Stem Cell* for the Project: *Compaction of Chromatin Seals Quiescence of Muscle Stem Cells*

National Award Winners:

Dr. Fereshteh Esfandiari *in the field of Stem Cell* for the Project: In Vitro Generation of Meiosis-Competent Germ Cells from Embryonic Stem Cells by Engineering the Delivery of BMP4

Dr. Mahnaz Ashrafi *in the field of Female Infertility* for the Project: Assisted Reproductive Outcomes in Women with Different Polycystic Ovary Syndrome Phenotypes: The Predictive Value of Anti-Müllerian Hormone

Dr. Mahdi Sheikh *in the field of Female Infertility* for the Project: Granulocyte Colony Stimulating Factor in Repeated IVF Failure, a Randomized Trial

Dr. Kambiz Gilany, *in the field of Male Infertility* for the Project: Untargeted Metabolomic Profiling of Seminal Plasma in Non-Obstructive Azoospermia Men: A Non-Invasive Detection of Spermatogenesis

Dr. Hossein Ghanbarian, *in the field of Stem Cell* for the Project: RNA-directed Programming of Embryonic Stem Cell



Pre-Congress Workshops:

Beside congress, there were numerous pre-congress workshops and symposium:

- ✚ *Histology Basics and Immuno-Setting*
- ✚ *Theoretical and Practical Workshop of Culture and Maintenance of Mouse Embryonic Stem Cells*
- ✚ *Theoretical and Practical Workshop of Culture and Maintenance of Human Pluripotent*
- ✚ *Introduction into Infertility Counselling*
- ✚ *Isolation and Purification of Mesenchymal Stem Cell from Various References: Bone Marrow, Dental Pulp and Adipos Tissue*
- ✚ *The Role of Nursing and Midwifery in Endometriosis Care*
- ✚ *The Symposium: "The Effect of Environmental Pollutant and Nutrition on Reproduction"*



More on Pre-Congress workshops:

