

## A visual Report on the 2<sup>nd</sup> International WANA Congress (2023)



*The 2<sup>nd</sup> WANA International Congress was held successfully on 10-11 May 2023, in one of the most historic and old, yet beautiful cities of Iran, Isfahan. A collection of more than 300 International and Iranian participants took part in this congress.*

*After COVID-19 pandemic, the form of events has shifted to virtual and hybrid types due to some difficulty and unexpected occurrence. Similar to the late Royan international events, also, the 2<sup>nd</sup> WANA International Congress (2023) hosted roughly 10 distinguished scholars from WANA region, 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 Biotechnology.*



### **Scientific Sessions of 2<sup>nd</sup> WANA International Congress on Biotechnology:**

#### **Applied Biotechnology in:**

- *Farm Animal Industry*
- *Cell, Gene & Molecular Therapy*
- *Experimental & Regenerative Biomedicine*
- *Assisted Reproductive Technology*
- *Commercialization in Biotechnology I*
- *Commercialization in Biotechnology II*

*As a sub-directory of Royan international twin congresses, the 2<sup>nd</sup> WANA international 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. Hassan Moslemi Naeini,  
The Head of ACECR*



*Prof. Abdolhossein Shahverdi,  
President of the Royan Institute*



*Prof. Mohammad Hossein Nasr-Esfahani,  
Chairperson of the 2<sup>nd</sup> WANA international Congress on Biotechnology*



*Dr. Mohsen Shahrezaei,*

*General Director of Office for  
Patterning & Elites Glorification*



*Beside the Opening Ceremony, Prof. Mohammad Hossein Nasr-Esfahani has been awarded for his life-time achievements in the field of Biotechnology by Dr. Mohsen Shahrezaei, General Director of Office for Patterning & Elites Glorification.*

*Applied Biotechnology in Farm Animal Industry*



*Session Chairpersons:*

*Dr. R. Kowsar  
Dr. F. Jafarpour*



*Dr. Abolfazl Shirazi*

*Title: Using OPU-IVT in Cattle and Buffalo and the Challenges Ahead*



*Prof. Mustafa Numan Bucak*

*Title: Embryo Transfer Technology in Bovine*

*Applied Biotechnology in Cell, Gene & Molecular Therapy*



*Session Chairpersons:*

*Dr. H. Gourabi  
Dr. K. Dormiani*



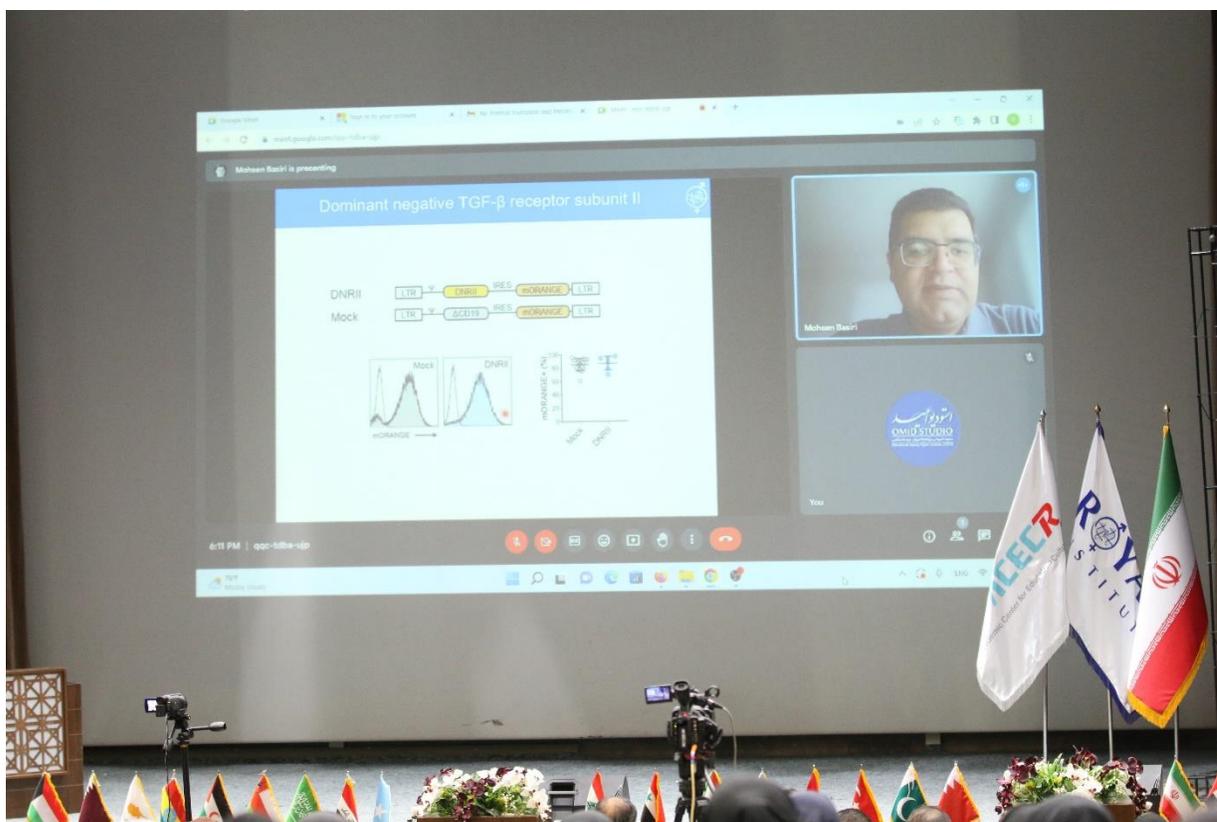
*Prof. Hussein Baharvand*

*Title: Generation of Transplantable Caudal Midbrain Dopaminergic Progenitors for Treatment of Parkinson's Disease*



*Dr. Kamran Azim*

*Title: Application of Modern DNA Sequencing Technologies in Medicine and Biotechnology*



*Dr. Mohsen Basiri*

*Title: Targeting Placental Alkaline Phosphatase with Chimeric Antigen Receptor T-Cells*



*Dr. Asma Gul*

*Title: Psychological Stress Manipulates Stretch-induced Piezo-1 Signaling: A Gateway to Cancer Progression*



*Dr. Hamid Gourabi*

*Title: Current Status of Gene Therapy in The World*

*Commercialization in Biotechnology I*



*Session Chairpersons:*  
*Dr. P. Afsharian*  
*Dr. N. Kolahchi*



*Dr. Fatemeh Ejeian*  
*Title: Dental Stem Cells Banking as a Biological Insurance*



*Dr. Yaser Tahamtani*  
*Title: Zebrafish Technology for Developing New Pharmaceutical Products*

*Applied Biotechnology in Experimental & Regenerative  
Biomedicine*



*Session Chairpersons:*

*Dr. E. Hajizadeh Saffar*

*Dr. M. Vosough*

*Dr. E. Masaeli*



*Dr. Sulaiman Al-Hashmi*

*Title: 3-O-Acetyl-Beta-Boswellic Acid Loaded Scaffold for Skin Tissue Engineering*

*Dr. Ayman Al Haj Zen*

*Title: High Content Imaging of Vascular Regeneration for Mechanism Understanding and Drug Discovery*

*Dr. Irfan Khan*

*Title: Applications of Adult Stem Cells for Management of Low Back Pain*

*Applied Biotechnology in Assisted Reproductive Technology (ART)*



*Session Chairpersons:*

*Dr. M. Ashrafi*  
*Dr. M. Ahmadi*

*Prof. M. H. Nasr-Esfahani*  
*Title: Present and Future of*  
*Biotechnology in ART*



*Dr. Ahmad Alrahel*  
*Title: What is the Role of Stem*  
*Cells in Azoospermia Treatment*

*Commercialization in Biotechnology II*



*Session Chairpersons:*  
*Dr. M. H. Nasr-Esfahani*  
*Dr. M. Ghanei*

*Maryam Mokari*

*Title: Integration of Engineering and Medical Knowledge to Aid in the Treatment of Infertility*



*Mina Masoudi*

*Title: The Role of the Reliability of Medical Devices on the Quality of Infertility Treatment Using Assisted Reproductive Technologies*



*Dr. Ensieh Hajizadeh Saffar*  
*Title: Advanced Therapy Medicinal Products  
Regulatory and Quality Control Issues*



*Dr. Mohammad Mehdi Moghadasian*  
*Title: The Law of Production Leaps and Financing Models in Technological Projects*

## *Closing Ceremony*



*Dr. Rouhollah Fathi*

*Title: Report of WANA Scientific Society (WSS)*



*Dr. Mostafa Ghanei*

*Title: Biotechnology in Iran*



*Dr. Mehdi Hajian*

*Title: Executive Report of WANA Congress*

*Pictorial Report of Passionate Presence  
in 2<sup>nd</sup> WANA Congress*







*Exhibition Pictorial Report,  
2<sup>nd</sup> WANA Congress 2023*



*Behrad Rooyesh Royan*



*Salamat Yar Hakim*



*Royan Cord Blood Bank*



*Poyesh Fertility Clinic & Royesh Surgical Center*



*CellTech Pharmed*



*Royan technological companies*

*Royan Dam Espadana*



*Tehran University of Medical Science, ACECR*

*Yara Wound and Tissue Repair Research Institute*

2<sup>nd</sup> Int'l (West Asia & North Africa)  
**WANA**  
Congress

As a sub-directory of  
Royan International Twin Congress  
**10-11 May 2023**  
Isfahan, Iran



*Eagerly Looking Forward to See You in the Next WANA Congress*