

## 21<sup>st</sup> Royan Virtual Congress (2020)

### Invited Speakers



**Dr. Amir Reza Aref (USA)**

- Adapting a 3D Microfluidic Culture System to Study Immune Checkpoint Blockade for Personalized Immunotherapy



**Prof. Robert John Aitken (Australia)**

- The Male Contribution to Infertility and the Health of Future Generations



**Prof. Benedikt Berninger (UK)**

- New Neurons from Glia in Postnatal Brains



**Prof. Maurizio Dattilo (Switzerland)**

- Oxidative Damage in Male Infertility: Can we Really Fix it



**Prof. Massimo Dominici (Italy)**

- MSC: Regeneration, Cancer and COVID19



**Dr. Shahin Eghbalsaied (Germany)**

- An Electrotransfection Protocol for Efficient Gene Editing in Mammalian and Avian Cells



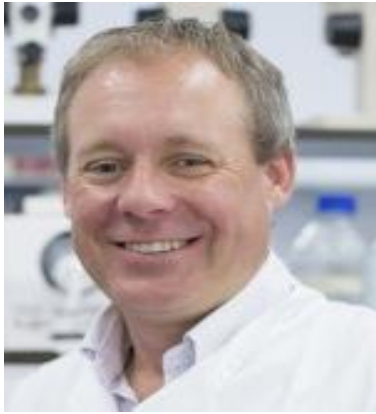
**Prof. Robert Gilchrist (Australia)**

- Pre-IVM: Variation on IVM



**Dr. Roberto Gramignoli (Sweden)**

- Placental Amnion Epithelial Cells Possess Immunomodulatory Features Supporting Allogenic Infusion without Immunosuppression



**Prof. Darren Griffin (UK)**

- Controversies in Aneuploidy Screening: A Mosaic of Problems
- PGT-SR – The Oft Forgotten Third Wheel



**Prof. Esmail Jabbari (USA)**

- Novel Bone Morphogenetic Protein Delivery Systems for Skeletal Tissue Regeneration



**Dr. Kristopher Kilian (Australia)**

- Stem Cell Engineering Approaches to Additive Bioassembly



**Dr. Rebecca Lim (Australia)**

- Cell-Free Regenerative Medicine for Neonatal Lung Disease



**Dr. Majid Pahlevan Kakhki (Sweden)**

- Epigenome Editing Technology, A Promising Tool in Neuroscience Studies



**Prof. Goetz Laible (New Zealand)**

- Genetic Engineering to Enhance Livestock Genotypes



**Dr. Albert Obradors (Spain)**

- The New Procedure of Oocyte Vitrification: Advantages and Disadvantages



**Dr. Lodovico Parmegiani (Italy)**

- Covid 19 and Management of Cryopreservation in Assisted Reproductive Technology



**Prof. Antti Perheentupa (Finland)**

- Different Endocrine Treatments of the Infertile Male: Indications, Limitations and Results



**Prof. Vafa Rahimi Movaghar (Canada)**

- Regeneration of Spinal Cord Connectivity through Stem Cell Transplantation, Biomaterial Scaffolds, and Pharmacological Approaches: Human Randomized Clinical Trial; Who? When? What? How?



**Prof. Joe Leigh Simpson (USA)**

- Preimplantation Genetic Testing and Embryo Selection for Heritable Cancers and Adult-onset Disorders



**Dr. Hadi Shafiee (USA)**

- Connected Mobile Health Diagnostics with Applications in Infertility Management



**Prof. Juan Paul Thiery (China)**

- Epithelial Mesenchymal Transition in Carcinoma; Therapeutic Intervention



**Dr. Juan Garcia Velasco (Spain)**

- Implantation Failure: The Relevance of the Embryo VS Other Factors



**Prof. Budi Wiweko (Indonesia)**

- AMH is the Real Biomarker of Ovarian Reserve



**Prof. Jacky Ying (Singapore)**

- Synthetic cell culture substrates for stem cells and COVID diagnostics