










<i>Invited Speakers</i>		<i>Title</i>
	<p>Dr. Sadegh Ghorbani Department of Materials Science and Engineering, Stanford University, USA <i>Virtual</i></p> <p><i>25th International Congress on Reproductive Biomedicine</i></p>	<p>Invited Speaker in the Scientific Session:</p> <p>Engineering Approaches in Reproduction</p> <p>Title: Advanced Bioengineering of Female and Male Germ Cells</p>
	<p>Dr. Germar-Michael Pinggera Vice President of the Working Group of Andrology and Sexual Dysfunction of the Urology Society, Executive Board Member OEGES, OEGES Section leader for Andrology, Italy <i>Virtual</i></p> <p><i>25th International Congress on Reproductive Biomedicine</i></p>	<p>Invited Speaker in the Scientific Session:</p> <p>Infection & ART</p> <p>Title: Microbiome in the Male Genital Tract</p>
	<p>Dr. Ehsan Shamsi Gooshki Department Medical Ethics School of Medicine, Medical Ethics and History of Medicine Research Center, Tehran University of Medical Sciences Monash University, Austria <i>Virtual</i></p> <p><i>25th International Congress on Reproductive Biomedicine</i></p>	<p>Invited speakers in the Scientific Session:</p> <p>Ethics & ART</p> <p>Title: Ethical Analysis of Providing Assisted Reproductive Technologies in Iran</p>

	<p>Dr. Kaveh Roshanbin</p> <p>Postdoctoral Researcher, University Hospital Erlangen University Hospital Erlangen, Project Leader, SFB TRR225 Biofabrication Consortium, Germany <i>Virtual</i></p> <p><i>20th International Congress on Stem Cell Biology & Technology</i></p>	<p>Invited Speaker in the Scientific Session:</p> <p>In Vitro 3D Models for Cardiovascular Research</p> <p>Title: Present Status and Future Perspectives of Sperm Quality Assessment: Predicting ART Outcome</p>
	<p>Dr. Mahzad Akbarpour</p> <p>Department of Internal Medicine, Division of Hematology, Oncology and Cell Therapy, Rush University Medical Center, USA <i>Virtual</i></p> <p><i>20th International Congress on Stem Cell Biology & Technology</i></p>	<p>Invited Speaker in the Scientific Session:</p> <p>Regenerative Medicine: Novel Approaches</p> <p>Title: Liver Gene Therapy Platform for Therapeutic Induction of Immunological Tolerance in Type 1 Diabetes</p>
	<p>Dr. Nicolas Rivron</p> <p>Principal investigator at the MBA, Institute of Molecular Biotechnology, Austria <i>Virtual</i></p> <p><i>20th International Congress on Stem Cell Biology & Technology</i></p>	<p>Invited speakers in the Scientific Session:</p> <p>Developmental Biology and Stem Cells</p>

	<p>Dr. Mathilde Bourdon Department of Gynecology Obstetrics II and Reproductive Medicine, Faculty of Medicine, University of Paris, France <i>Virtual</i></p> <p><i>25th International Congress on Reproductive Biomedicine</i></p>	<p>Invited Speaker in the Scientific Session:</p> <p>Endometriosis & Adenomyosis</p> <p>Title: An Integrated Multi-Tissue Approach for Endometriosis Candidate Biomarkers: A Systematic Review</p>
	<p>Dr. Christiani Amorim Director of the Research Pole in Reproductive Physiopathology, Belgium <i>Virtual</i></p> <p><i>25th International Congress on Reproductive Biomedicine</i></p>	<p>Invited Speaker in the Scientific Session:</p> <p>Engineering Approaches in Reproduction</p> <p>Title: Advances in Developing a Transplantable Engineered Ovary</p>
	<p>Dr. Xiuchun Cindy Tian Department of Animal Science, Institute for Systems Genomics, University of Connecticut, USA <i>Virtual</i></p> <p><i>25th International Congress on Reproductive Biomedicine</i></p>	<p>Invited Speaker in the Scientific Session:</p> <p>Animal Biotechnology</p> <p>Title: Establishment of Bovine- Induced Pluripotent Stem Cells</p>
	<p>Dr. Marc André Sirard Center for Research in Reproduction, Development and Intergenerational Health, Faculty of Agricultural and Food Sciences, Department of Animal Sciences, INAF Pavilion, Laval University, Canada <i>Virtual</i></p> <p><i>25th International Congress on</i></p>	<p>Invited Speaker in the Scientific Session:</p> <p>Animal Biotechnology</p> <p>Title: Epigenetic programming of embryos in the cow model</p>

Reproductive Biomedicine



Dr. Heidar Heidari Khoei
Institute of Molecular
Biotechnology,
Austria

*20th International Congress on Stem
Cell Biology & Technology*

**Invited Speaker in the
Scientific Session:**

Developmental Biology and
Stem Cells

Title:
Decoding Early Human
Development with Blastoids



Dr. Vincent Pasque

Group Leader, Department of Stem
Cell and Developmental Biology,
Laboratory of Cellular
Reprogramming and Epigenetic
Regulation, Department of
Development and Regeneration,
The Vincent Pasque Lab, The
University of Leuven,
Belgium

Virtual

*20th International Congress on Stem
Cell Biology & Technology*

**Invited Speaker in the
Scientific Session:**

Stem Cells and Molecular
Medicine

Title:
Stem cell-based human embryo
models



Prof. Peter Timashev

Scientific Director, Biomedical
Science and Technology Park,
Sechenov University, Leading
Researcher, Institute of Research
center "Crystallography and
Photonics",
Russia

**Chairman and invited
Speaker in the Scientific
Session:**

Regenerative Medicine: Novel
Approaches

Title:

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Mitochondrial complex I activity in microglia sustains neuroinflammation



Dr. Thomas Braun

Director of the Department of Cardiac Development & Remodeling, Max Planck Institute for Heart & Lung Research, Germany

20th International Congress on Stem Cell Biology & Technology

Invited Speaker in the Scientific Session:

Stem Cells and Molecular Medicine

Title:

Blastoids: Modeling Blastocyst Genesis and Implantation with Stem Cells

Requirements of Stem Cell-Mediated Skeletal Muscle Regeneration



Dr. Simone Ferrero

Department of Obstetrics and Gynecology, Department of Neurosciences, Rehabilitation, Ophthalmology, Genetics, Maternal and Child Health (DiNOGMI), University of Genova, Italy

Virtual

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Invited Speaker in the Scientific Session:

Endometriosis & Adenomyosis

Title:

Adenomyosis and Endometriosis: New Insights on The Pathogenesis and Treatments

	<p>Dr. Nastasia Kosheleva Department of Regenerative Medicine, Sechenov University, Russian</p> <p><i>20th International Congress on Stem Cell Biology & Technology</i></p>	<p>Invited Speaker in the Scientific Session:</p> <p>Regenerative Medicine: Novel Approaches</p> <p>Title: Impact of Culture Conditions on Cytokine Expression in Mesenchymal Stromal Cells: Implications for Regenerative Medicine</p>
	<p>Prof. Zi-Bing Jin Department of Beijing Institute of Ophthalmology, Beijing Tongren Eye Center, Beijing Tongren Hospital, Vice president, China</p> <p><i>Virtual</i></p> <p><i>20th International Congress on Stem Cell Biology & Technology</i></p>	<p>Invited Speaker in the Scientific Session:</p> <p>Revolutionary Eye and Vision Research</p> <p>Title: Human Retinal Organoids for Disease Modeling</p>
	<p>Dr. Svetlana Madjunkova Head of Reproductive Genetics at CReATe Fertility Center, Canada</p> <p><i>Virtual</i></p> <p><i>25th International Congress on Reproductive Biomedicine</i></p>	<p>Invited Speaker in the Scientific Session:</p> <p>How to Improve Reproductive Outcomes?</p> <p>Title: Advanced Methods to Select Embryos for Transfer</p>

	<p>Prof. Koichi Kawakami</p> <p>Department of Developmental Biology, Laboratory of Molecular, National Institute of Genetics, Japan <i>Virtual</i></p> <p><i>20th International Congress on Stem Cell Biology & Technology</i></p>	<p>Invited Speaker in the Scientific Session:</p> <p>Developmental Biology and Stem Cells</p> <p>Title: Transposon-mediated gene trap approach identifies developmentally regulated genes in zebrafish</p>
	<p>Prof. Sanjeeve Galande</p> <p>Department of Life Sciences, Center of Excellence in Epigenetics, Shiv Nadar Institution of Eminence, India <i>Virtual</i></p> <p><i>20th International Congress on Stem Cell Biology & Technology</i></p>	<p>Invited Speaker in the Scientific Session:</p> <p>Cancer & Immune Therapy</p> <p>Title: Harnessing the potential of SATB family proteins as a novel molecular target for cancer therapy using statins</p>
	<p>Dr. Farzad Ghafouri</p> <p>Department of Farm Animal Bioinformatics, Agri-Food and Biosciences Institute, United Kingdom <i>Virtual</i></p> <p><i>25th International Congress on Reproductive Biomedicine</i></p>	<p>Invited Speaker in the Scientific Session:</p> <p>Animal Biotechnology</p> <p>Title: Construction of a circRNA–lincRNA–lncRNA–miRNA–mRNA ceRNA Regulatory Network Identifies Genes and Pathways Linked to Goat Fertility</p>
	<p>Dr. Alireza Pouya</p> <p>Department of Hematology, Oncology and Rheumatology, University Hospital Heidelberg, Germany <i>Virtual</i></p>	<p>Invited Speaker in the Scientific Session:</p> <p>Cancer & Immune Therapy</p> <p>Title: The pantetheinase VNN1 regulates energy metabolism in</p>

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acute myeloid leukemia stem cells by controlling the availability of coenzyme A



Dr. Kai Wang

Department of Physiology and Pathophysiology, Peking University, China

Virtual

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Invited Speaker in the Scientific Session:

In Vitro 3D Models for Cardiovascular Research

Title:

Extracellular Matrix Interactome in Modulating Vascular Homeostasis and Remodeling



Prof. Stefano Pluchino

Professor of Regenerative Neuroimmunology and Honorary Consultant in Neurology, Department of Clinical Neurosciences, University of Cambridge, UK

Virtual

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Invited Speaker in the Scientific Session:

Regenerative Medicine: Novel Approaches

Title:

Stem Cell Medicines for Progressive MS



Dr. Omid Mashinchian

Department of Nestlé Institute of Health Sciences, Lausanne, Switzerland

Virtual

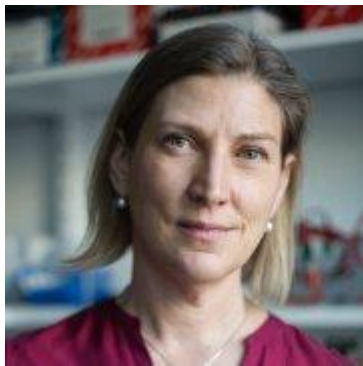
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Invited Speaker in the Scientific Session:

Stem Cell Bioengineering

Title:

3D Intestinal Organoid Platform to Test Epithelial Recovery Potential of Lead Bioactive



Dr. Cecilia Götherström

Principal Researcher, Department of Clinical Science, Intervention and Technology, Karolinska Institute Sweden

Virtual

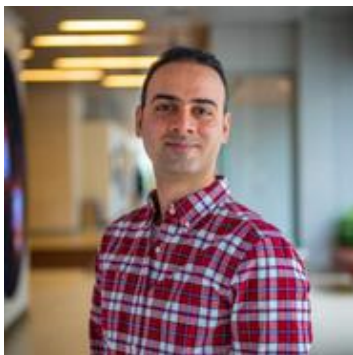
20th International Congress on Stem Cell Biology & Technology

Invited Speaker in the Scientific Session:

How Close Are We to Bedside for Bone and Cartilage Tissue Regeneration?

Title:

Developing a stem cell therapy for treating Brittle bone disease



Dr. Sasan Jalili

Department of Immunology, University of Connecticut School of Medicine, Department of Biomedical Engineering, University of Connecticut, The Jackson Laboratory for Genomic Medicine, USA



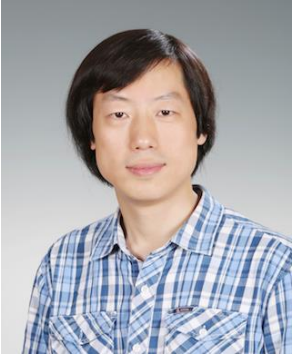
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Invited Speaker in the Scientific Session:



Stem Cell Bioengineering

Title:

Engineering tools to interrogate the Host immunity, microbiome, and their Crosstalk

	<p>Dr. Wilfred Germeraad</p> <p>Department of Internal Medicine, Division of Hematology, Maastricht University, Medical Center, CiMaas BV, Netherlands <i>Virtual</i></p> <p><i>20th International Congress on Stem Cell Biology & Technology</i></p>	<p>Invited Speaker in the Scientific Session:</p> <p>Cancer & Immune Therapy</p> <p>Title: Development of adoptive NK cell therapy for cancer treatment</p>
	<p>Dr. Huseyin Cagatay Yalcin</p> <p>Principal Investigator and Research, Department of Biomedical Research Center, Qatar University, Qatar</p> <p><i>Virtual</i></p> <p><i>20th International Congress on Stem Cell Biology & Technology</i></p>	<p>Invited Speaker in the Scientific Session:</p> <p>In Vitro 3D Models for Cardiovascular Research</p> <p>Title: Computational and Experimental Cardiac Flow Assessment: In vitro, In vivo, Clinical</p>
	<p>Prof. Fochou Tang</p> <p>Associate Director, Beijing Advanced Innovation Center for Genomics, College of Life Sciences, Peking University, China <i>Virtual</i></p> <p><i>20th International Congress on Stem Cell Biology & Technology</i></p>	<p>Invited Speaker in the Scientific Session:</p> <p>Stem Cells and Molecular Medicine</p> <p>Title: Computational and Experimental Cardiac Flow Assessment: In vitro, In vivo, Clinical</p>

	<p>Dr. Behrad Noudoost</p> <p>Department of Ophthalmology and Visual Sciences, University of Utah, USA</p> <p><i>Virtual</i></p> <p><i>20th International Congress on Stem Cell Biology & Technology</i></p>	<p>Invited Speaker in the Scientific Session:</p> <p>Revolutionary Eye and Vision Research</p> <p>Title: Revolutionary Eye and Vision Research</p>
	<p>Dr. Antonio Capalbo</p> <p>Department of Psychological Health and Territorial Sciences, School of Medicine and Health Sciences, "G. D'Annunzio" University of Chieti-Pescara, Spain</p> <p><i>Virtual</i></p> <p><i>25th International Congress on Reproductive Biomedicine</i></p>	<p>Invited Speaker in the Scientific Session:</p> <p>Predictive Issue to Overcome Black Box in RSA & RIF</p> <p>Title: Genomic medicine and emerging technologies for a better understanding of RIF and RSA</p>
	<p>Dr. Marta Shahbazi</p> <p>MRC Laboratory of Molecular Biology, Cambridge Stem Cell Institute, University of Cambridge, UK</p> <p><i>Virtual</i></p> <p><i>20th International Congress on Stem Cell Biology & Technology</i></p>	<p>Invited Speaker in the Scientific Session:</p> <p>Developmental Biology and Stem Cells</p> <p>Title: Mechanisms of embryo failure at implantation</p>
	<p>Prof. Nasrollah Zarghami</p> <p>Department of Medicine Biotechnology, Istanbul Aydin University, Turkey</p> <p><i>20th International Congress on Stem Cell Biology & Technology</i></p>	<p>Chairman and invited Speaker in the Scientific Session:</p> <p>Cancer & Immune Therapy</p> <p>Title: NK Cell therapy in myeloid leukemia cancer</p>

	<p>Dr. Lisa Porter</p> <p>Assistant Professor, University of Windsor, founding Executive Director, WE-SPARK, VP Research & Scientific Director, St. Joseph's Health Care London, Canada</p> <p><i>Virtual</i></p> <p><i>20th International Congress on Stem Cell Biology & Technology</i></p>	<p>Invited Speaker in the Scientific Session:</p> <p>Cancer & Immune Therapy</p> <p>Title: Checkpoint Adaption by Cyclin-Like Proteins Promotes Susceptibility for more Aggressive, Drug-Resistant Breast Tumours</p>
	<p>Prof. Wahyu Widowati</p> <p>Professor, Department of Biology, Maranatha Christian University, Indonesia</p> <p><i>Virtual</i></p> <p><i>20th International Congress on Stem Cell Biology & Technology</i></p>	<p>Invited Speaker in the Scientific Session:</p> <p>Regenerative Medicine: Novel Approaches</p> <p>Title: Free Dried-Secretome Potential Derived from Human Wharton's Jelly Mesenchymal Stem Cells for Wound Healing</p>