

VIRTUAL EVENT

FINAL PROGRAM



INTERNATIONAL CONFERENCE ON TISSUE ENGINEERING AND REGENERATIVE MEDICINE

20-21

SEPT 2021

EXHIBITORS

BME Frontiers
A SCIENCE PARTNER JOURNAL

Research
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ABOUT EXHIBITORS



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GMT Timings	Local Timings
12:00-12:10	

Opening Ceremony

Keynote Presentations

12:10-13:00	13:10-14:00	Title: Challenges and innovations in Osteochondral regeneration Pedro Morouco , Polytechnic of Leiria, Portugal
13:00-13:50	15:00-15:50	Title: Electroactive polymers as 'artificial muscle' materials: New opportunities for biomaterials and tissue engineering Federico Carpi , University of Florence, Italy
13:50-14:40	15:50-16:40	Title: Curvature as a guidance cue for single cell migration and epithelium morphogenesis Laurent Pieuchot , Université de Haute-Alsace, CNRS, France
14:40-15:30	20:10-21:00	Title: Regeneration in CKD by resolution of Renal fibrosis Shrikant L. Kulkarni , Kulkarni Clinic, India

Oral Presentations

15:30-15:50	17:30-17:50	Title: Multiphysics/Multiscale modeling and simulation of organic Retinal Prostheses Riccardo Sacco , Politecnico di Milano, Italy
15:50-16:10	03:50-04:10	Title: From diagnostics to 3D printing in dentistry and maxillofacial surgery Ryakhovsky A.N , Dental Assosiation of Russia, Russia

Break (16:10-16:20)

16:20-16:40	18:20-18:40	Title: 3D bioprinted, perfused tumor-environment on a chip Michael Ausserlechner , Medical University Innsbruck, Austria
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16:40-17:00	13:40-14:00	<p>Title: Towards photosynthetic explants as local oxygen delivery systems for tissue regeneration</p> <p>Sergio Gonzalez Itier, Pontificia Universidad Católica de Chile, Chile</p>
17:00-17:20	19:00-19:20	<p>Title: Immunosuppressive cyclosporine CsA. The physicochemical characterization of liposomal and colloidal systems.</p> <p>Agnieszka Ewa Wiacek, Maria Curie-Sklodowska University, Poland</p>
17:20-17:40	19:20-19:40	<p>Title: Mechanotransduction -towards a bioinspired design of responsive biomaterials</p> <p>Eleonora Marsich, University of Trieste, Italy</p>
17:40-18:00	19:40-20:00	<p>Title: Adapting to new COVID-19 reality in polish biobanking network BBMRI.pl - QMS system implementation, audits and trainings</p> <p>Patrycja Sitek, Wroclaw Medical University, Poland</p>
18:00-18:20	20:00-20:20	<p>Title: Carbon nanotube-reinforced polycaprolactone for 3D bioprinting and tissue engineering</p> <p>Adam Mieloch, Adam Mickiewicz University, Poland</p>
18:20-18:40	20:20-20:40	<p>Title: Fibrin/agarose-based strategies and natural matrices for peripheral nerve repair</p> <p>Oscar Dario Garcia Garcia, University of Granada, Spain</p>
18:40-19:00	00:10-00:30	<p>Title: Myriad uses of platelet rich plasma in intervention dermatology and trichology</p> <p>Suruchi Garg, Director & Chief Consultant, Aura Skin Institute, India</p>

END of Day 1

GMT Timings	Local Timings
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Keynote Presentations

12:00-12:50	13:00-13:50	Title: Bioprinting bioinspired microenvironments to study cell-matrix interactions Ruben F. Pereira , Universidade do Porto, Porto, Portugal
12:50-13:40	14:50-15:40	Title: Cell or cell-less therapy for treatment of neurological disorders, what is the option? Pavla Jendelova , Institute of Experimental Medicine, Prague, Czech Republic
13:40-14:30	19:10-20:00	Title: Emerging trends for regenerative care of complex wounds Sandeep Shrivastava , Datta Meghe Institute of Medical Sciences, India

Oral Presentations

14:30-14:50	17:30-17:50	Title: Characterization of Mesenchymal Stem Cells (MSCs) and their use in the treatment of COVID-19. Vasiliki E. Kalodimou , Director Flow Cytometry-Research & Regenerative Medicine Department, Greece
14:50-15:10	16:50-17:10	Title: The Ethics of iPSC From “Old” Issues to 3D Bioprinting Elena Salvaterra , Kern Global, Para University, Italy
15:10-15:30	18:10-18:30	Title: Regenerative effect of mesenchymal stem cell in covid-19 Elvan BAKAR , University of Trakya, Turkey

Break (15:30-15:40)

15:40-16:00	21:10-21:30	Title: Tissue engineering in periodontal therapy – a case series Shaila Kothiwale , Vishwanath Katti Institute of Dental Sciences, India
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16:00-16:20	23:00-23:20	Title: Comparative effects of allograft and xenograft blood to induce hemolytic anaemia in mice Fajar Shodiq Permata , Universitas Brawijaya, Indonesia
16:20-16:40	16:20-16:40	Title: Electrical impedance spectroscopy: Tool for bone health diagnosis? Payal Bhardwaj , Panjab University, India
16:40-17:00	21:10-21:30	Title: Restoration of craniomaxillofacial bone deficiencies by patient-specific 3D bioprinted bone scaffolds Majid Hajhosseinali , Sharif University of Technology, Iran
17:00-17:20	22:00-22:20	Title: Deoxycytidine differentiates cord MSCs into cardiomyocytes in vitro and Improves cardiac function in vivo Irfan Khan , University of Karachi, Pakistan
17:20-17:40	22:50-23:10	Title: Advanced wound dressing material derived from bacterial cellulose Sangeeta Singh , Indian Institute of Information Technology, India
17:40-18:00	19:40-20:00	Title: The impact of decellularization methods on human muscle extracellular matrix Stefania D'Agostino , University of Padova, Italy

Poster Presentations

18:00-18:10	21:00-21:10	Title: IGF-1 release from electrospun Pcl scaffold: ozone treatment effect on release kinetics Lauryna Dabasinskaite , Kaunas University of Technology, Lithuania
18:10-18:20	20:10-20:20	Title: Parallelized precision medicine applications with a microprocessor-controlled, 3D-printed Mini-Bioreactor Judith Hagenbuchner , Medical University Innsbruck, Austria

Thanking Note and Closing Ceremony

UPCOMING CONFERENCES

2nd Edition of International Conference on
Tissue Engineering and Regenerative Medicine

September 16-17, 2022 | Paris, France

International Conference on
Cell & Stem Cell Research

September 16-17, 2022 | Paris, France

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