

World Conference on

STEM CELLS AND REGENERATIVE MEDICINE

&

2nd World Conference on

BIOSCIENCE AND BIOTECHNOLOGY

May 15-16 , 2023 | Paris, France



Hosting Organization:
Eurasia Conferences

Kemp House, 152-160 City Road, London, EC1V 2NX.

09:00- 09:10 @ Introduction,
Welcome note and Conference
Inauguration

DAY 1
May 15, 2023

Keynote Sessions

- 09:10-09:40** **Title: COVID-19: Another important factor aggravating the course of the disease**
Abyt Ibraimov, International Higher School of Medicine, Kyrgyzstan
- 09:40-10:10** **Title: Recent Advances on the Terpene Based Antimicrobial Agents**
Bengü Ergüden, Department of Bioengineering, Gebze Technical University, Turkey
- 10:10-10:40** **Title: Biological Lighting for Dementia Patients using LED Technology**
Paul Michael Petersen, DTU Electro, Technical University of Denmark, Roskilde, Denmark

Tea and Refreshments Break 10:40-11:00

- 11:00-11:30** **Title: Reprogramming and Somatic Cell Nuclear Transfer (SCNT) in Bovine**
Fanyi Zeng, Shanghai Institute of Medical Genetics, Shanghai Children's Hospital, School of Medicine, Shanghai Jiao Tong University, China
- 11:30-12:00** **Title: Stem Cell Anchoring Devices: Keeping Stem Cells Where They are Needed the Most (Virtual Presentation)**
Thomas J. Webster, School of Health Sciences and Biomedical Engineering, Hebei University of Technology, China
- 12:00-12:30** **Title: Simple and eco-friendly method for removal of heavy metals from waste water (Virtual Presentation)**
Aparna Gunjal, Department of Microbiology, Dr. D. Y. Patil, Arts, Commerce and Science College, India
- 12:30-13:00** **Title: Environmental sources of non-steroidal anti-inflammatory drugs-problems and solutions (Virtual Presentation)**
Danuta Wojcieszynska, University of Silesia in Katowice, Faculty of Natural Sciences, Institute of Biology, Biotechnology and Environmental Protection, Poland

Lunch Break 13:00- 14:00

Speaker Sessions

- Session Chair: Abyt Ibraimov**, International Higher School of Medicine, Kyrgyzstan
- 14:00- 14:20** **Title: Regulatory clusters for therapy manufacturing clusters: Highly automated cell and gene therapy production and its regulatory implications**
Edison Bicudo, Department of Science, Technology, Engineering and Public Policy, University College London, UK

- 14:20- 14:40** **Title: Image-Guided Fibrin Patching and Stem Cell Anchoring in Minimally-Invasive Spine Interventions: Regenerative Repair of Spinal Disorders**
Richard J. McMurtrey, Alpine Athletic Medicine Institute, USA
- 14:40- 15:00** **Title: Physiological system: A new concept to simulate and to study pharmacokinetics**
Verena Vogel, University of Applied Sciences, School of Engineering, Department Automation, Germany
- 15:00- 15:20** **Title: Regeneration by Partial Reprogramming and Directed Differentiation**
Prof. Dr. Thomas Skutella, Medical Faculty Heidelberg, Germany
- 15:20- 15:40** **Title: To investigate changes in calcitonin gene-related peptide (CGRP)-like immunoreactivity (CGRP-LI) in the rat masseter muscle and brain after the unilateral experimental induction of masseter myositis**
Joakim Waldemarson, The Royal College of Surgeons of Edinburgh, Hungary

Tea and Refreshments Break+ Posters 15:40-16:00

- 16:00- 16:20** **Title: Reprogramming ASCs to induce angiogenesis in ischemic tissue (Virtual Presentation)**
Dr. Gemma Arderiu, Cardiovascular area, Institut de Recerca de l'Hospital de la Santa Creu i Sant Pau IIB-Sant Pau, Barcelona, Spain
- 16:20-16:40** **Title: Synovial cytokine concentrations after open wedge high tibial osteotomy with platelet-rich plasma or stromal vascular fraction post-treatments in patients with knee osteoarthritis (Virtual Presentation)**
Elena Tchetina, Immunology and Molecular Biology Laboratory, Nasonova Research Institute of Rheumatology, Moscow, Russia
- 16:40-17:00** **Title: Regenerative therapy after spinal cord injury promotes unique brain structural/functional reorganization (Virtual Presentation)**
Jia-Sheng Rao, School of Biological Science and Medical Engineering, Beijing Key Laboratory for Biomaterials and Neural Regeneration, Beijing Advanced Innovation Center for Biomedical Engineering, Beihang University, China
- 17:00-17:20** **Title: iPSC-derived blood brain barrier models - increasing predictability of CNS targeting antibody-based BBB carriers and neurotoxicity of CAR-T based therapy (Virtual Presentation)**
Anna Jezierski, Human Health Therapeutics Research Centre, National Research Council of Canada, Ottawa, Ontario, Canada

Closing and Award Ceremony 17:20-17:30

- PO01** **Title: Research of Lactic Bacteria capable of degrading Chlorpyrifos**
Nour -El-Houda Hamoud, Laboratory of Molecular Toxicology, University of Jijel, Algeria
- PO02** **Title: Development of new sustained-release dressings based on a biopolymer for the treatment of chronic burns**
Laribi- Habchi Hassiba, Laboratory of Functional Analysis of Chemical Processes (LFACP), Process Engineering Department, Faculty of Technology, University of Blida, Algeria

Title: Biotreatment of Waste Oily Sludge under Saline conditions using Salt-loving Bacteria

PO03 **Dorra Hentati**, Environmental Biotechnology Program, Life Sciences Department, College of Graduate Studies, Arabian Gulf University, Manama, Bahrain

Title: New Simultaneous Production of Bio-jet and Biodiesel Fuel

PO04 **Yasuaki Maeda**, Graduate School of Sustainable System Science, Osaka Metropolitan University, Japan

Title: A Cascade Utilization of Rubber Seeds oil for Sustainable Energy

PO05 **Huynh Phuong Uyen Nguyen**, Graduate School of Sustainable System Science, Osaka Metropolitan University, Japan

