EuroSciCon Joint Event on

BIOTECHNOLOGY, STEM CELL AND MOLECULAR DIAGNOSTICS



April 16-17, 2018
Amsterdam, Netherlands

EuroSciCon

https://biotechnology.euroscicon.com/https://stemcell.euroscicon.com/
https://clinicalchemistry.euroscicon.com/

Biotechnology 2018 | Stem Cell 2018 | Molecular Diagnostics 2018

Agenda Day 1: April 16 2018

08:00-09:00 **Registration**

09:00-09:30 Opening Ceremony

09:30-09:35 **Introduction**

Session Start @ Meeting Place 4+5

Keynote Forum

09:35-10:15 **Title: Agent-based models for influenza epidemic dynamics and its decision-making capability**

Valeriy Perminov, BioTeckFarm Ltd., Russian Federation

10:15-10:55 **Title: A Review on Bioactivity of Flavonoids in Biotechnological Applications**

Zeliha Selamoglu, Nigde Omer Halisdemir University,Turkey

Networking & Refreshments 10:55-11:15 @ Pre-function Area

Group Photo

Sessions: Medical Biotechnology | Bioproducts and BioEnergy | Bioremediation and Biodegradation, Advancements in Biotechnology | Bioproducts and BioEnergy | Nanobiotechnology | Clinical Biochemistry Novel stem cell technologies | Cancer Stem Cells | Stem Cell Product Development & Comercialization | Veterinary Stem Cell | Tissue Regeneration & Therapeutics | Stem Cell Banking

Session Chair: Zeliha Selamoglu, Nigde Omer Halisdemir University,Turkey

Session Co-Chair: Utku AVCI, Recep Tayyip Erdogan University, Turkey

Session Introduction

11:15-11:40 **Title: Stromal Vascular Fraction from Lipoaspirate Infranatant**

Robert Bowen, West Virginia University, USA

11:40-12:05 **Title: Biotechnology of tumor growth restriction: M3 macrophage “switch” phenotype and antigen-reprogrammed lymphocytes**

Malyshev Igor, Moscow State University of Medicine and Dentistry, Russia

12:05-12:30 **Title: Production of Biofuels by Micro-, Lab-, Pilot- and Industrial Scale Based Biocatalytic Processes**

Bruno Zelic, University of Zagreb, Croatia

12:30-12:55 **Title: Inclusion bodies – more than just waste!**

Oliver Spadiut, Technische Universitat Wien, Austria

Exhibition Promotional Video

Video 1 by Agilent

Lunch Break 13:00-13:45 @ The Gallery

13:45-14:10 **Title: A study on Subclinical hypothyroidism and association with Vitamin D in ethnic population of Kashmir India**

Haamid Bashir, Govt Medical College, India

14:10-14:35 **Title: About New Approaches for Enhancing Phytoremediation Effectiveness**

Tamar Varazi, Agricultural University, Georgia

14:35-15:00 **Title: The effects of acrylamide and Vitamin E administration during pregnancy on adult rat ovary tissues**

Zeliha Selamoglu, Nigde Omer Halisdemir University, Turkey

15:00-15:25 **Title: Paper mill sludge as a good substrate for enzyme production by oyster mushroom (*Pleurotus ostreatus*)**

Mija Sezun, Pulp and Paper Institute, Slovenia

15:25-15:50 **Title: A Novel Aptamer- Conjugated Gold Nanoparticle for reliable cancer cell detections**

Mojgan Ahmadzadeh Raji, University of Tehran, Iran

Exhibition Promotional Video

Video 2 by Corning

Networking & Refreshments 16:00-16:20 @ Pre-function Area

Young Researchers Forum

16:20-16:40 **Title: The charge effect of insulin PLGA nanoparticles on cell uptake *in vitro* and bioavailability *in vivo***

Elodie Czuba, University of Strasbourg, France

16:40-17:00 **Title: Analysis of different MSC tissue sources in horses**

Magdalena Arevalo Turrubiarte, Department of Veterinary Science University of Turin Largo Braccini, Italy

17:00-17:20 **Title: Induced pluripotent stem cells derived from porcine Sertoli cells**

Piyathip Setthawong, Chulalongkorn University, Thailand

17:20-17:40 **Title: Non-cytotoxic, non-genotoxic and non-mutagenic phenolic extract of cyanobacteria *Oscillatoria* sp. SI-SA with chemotherapeutic properties against breast cancer cell-lines**

Saadia Ijaz, Women University Multan, Pakistan

Session Start @ Meeting Place 4+5

Agenda Day 2: April 17, 2018

Keynote Forum

09:30:10:10 **Title: The Stem Cell Therapy and its emerging markets**

Deven Patel, Global Institute of Sten Cell Therapy and Research, USA

Work Shop

10:10-11:10 **Title: The Science behind PRP and Stem Cell injections used in regenerative medicine**

Ghislaine Robert, Sparclaine,USA

Networking & Refreshments 11:10-11:30 @ Pre-function Area

Sessions: Medical Biotechnology | Reproductive Biotechnology | Plant and Agriculture Biotechnology | Pharmaceutical Biotechnology | Clinical Research | Advancements In Biotechnology | Stem Cell Product Development & Commercialization | Stem Cell Transplantation & Techniques | Ethical Issues In Stem Cell Research | Tissue Regeneration & Therapeutics | Stem Cell apoptosis and signal transduction

Session Chair: Mark Engelman , Intellectual Property, UK

11:30-11:55 **Title: Efficacious dendritic cell based immunotherapy for advanced multiple malignancies**

Chandan R Bora, NOVO Cellular Medicine Institute - Fidelity Healthcare Ltd, Trinidad & Tobago

11:55-12:20 **Title: Copyright in Gene Sequences**

Mark Engelman, Head, Intellectual Property, UK

12:20-12:45 **Title: Healing effect of *Pistacia atlantica* hydroalcoholic extract with bone marrow mesenchymal stem cells on knee Osteoarthritis**

Omid Koohi-Hosseinabadi, Shiraz University of Medical Science, Iran

12:45-13:10 **Title: Viral Gene Delivery Tools In Optimization Of Human Mesenchymal Stem Cells' Osteoblast Differentiation**

Olexandr Korchynskyi, Rzeszow University, Poland

Video 1 by Merck

Exhibition Promotional Video

Lunch Break 13:00-14:00 @ The Gallery

14:00-14:25 **Title: Varicocele and its effects on the male reproductive system**

Zeliha Selamoglu, Nigde Omer Halisdemir University, Turkey

14:25-14:50 **Title: Novel Trends in System Approach to Biotechnology-based Sustainable Development and Bioeconomy**

Slawomir Mikrut, Conosrtium Of The World University, Poland

14:50-15:15 **Title: Imaging Cell Walls Of A Model Grass *Brachypodium distachyon***

Utku AVCI, Recep Tayyip Erdogan University, Turkey

15:15-15:40 **Title: 3D Neural Stem Cell Models of Alzheimer's Disease**

Marina Wiklander, Merck, Sweden

Networking & Refreshments 15:40-16:00 @ Pre-function Area

16:00-16:25 **Title: How To Place Innovation Priority In Medical Care Future In North Africa**

Abdessalam kaaniche, Tunisia Stem Cell Association, Tunisia

16:25-16:50 **Title: Hairy root culture: a successful model for pharmaceutical compounds production**

Raoufa Ahmed Abdel Rahman, City of Scientific Research & Technology Applications, Egypt

Poster Presentation 16:50-17:30 @ Pre-function Area

ESC-01 **Title: Enhancing Phytoextraction of Copper(II)-Ions by Using *Glycolipid Biosurfactants***

Gia Khatisashvili, Agricultural University of Georgia, Georgia

ESC-02 **Title: Advisability of Using Alga Spirulina for Removing TNT from Polluted Water**

Marine Pruidze, Agricultural University of Georgia, Georgia

ESC-03 **Title: Algae Spirulina as a Tool for Removing DDT from Polluted Water**

Maritsa Kurashvili, Agricultural University of Georgia, Georgia

ESC-04 **Title: Quercetin and its significance for well-being**

Zeliha Selamoglu, Nigde Omer Halisdemir University, Turkey

ESC-05 **Title: An Update on Organoselenium Compounds as Anticancer Agent**

Zeliha Selamoglu, Nigde Omer Halisdemir University, Turkey

ESC-06 **Title: Enhanced brain tissue settlement of α4-overexpressing human bone marrow mesenchymal stem cells (hBM-MSCs) after their intra-arterial transplantation in striatum injured rats**

Anna Andrzejewska, Mossakowski Medical Research Centre, Poland

ESC-07 **Title: Improving sensitivity of chimerism testing by InDel-PCR for early relapse prediction in patients after alloHSCT**

Victoria Lavrinenko, Belarussian Research Center for Pediatric Oncology, Belarus

ESC-08 **Title: Identifying the need of platelet transfusion for Dengue Epidemics in India**

Yogini Patel, Global Hospital & Research Centre, India

ESC-09 **Title: MicroRNAs versus traditional biomarkers in predicting reperfusion injury in hepatitis C patients after major surgery**

Hala Mourad Demerdash, Alexandria University, Egypt

ESC-10 **Title: Review of Vitamin D deficiency assosiated with age, gender and season in Azerbaijan: a population based study**

Eldar Aliyev, Central Oilworkers Hospital, Azerbaijan

ESC-11 **Title: Significance of biomarker level sCD14 in patients with intraabdominal hypertension**

Miras Mugazov, Karaganda State Medical Univeristy, Kazakhstan

ESC-12	**Title: Pentraxin 3 mediates cardiac remodeling and ventricular dysfunction in cirrhotic patients with chronic hepatitis C** **Jolanta Zuwala Jagiello,** Wroclaw Medical University, Poland
ESC-13	**Title: The impact of CYP2R1 polymorphism on Vitamin D level in Qatar university female students** **Elham Sharif,** Qatar University, Qatar
ESC-14	**Title: Attempts to scaffold seeding with umbilical cord – derived MSCs** **Katarzyna Kapturska,** Polish Stem Cell Bank, Poland
ESC-15	**Title: Optimization of parameters for adipose-derived mesenchymal stem cell banking and culturing** **Ekaterina Semenova,** Polish Stem Cell Bank, Poland
ESC-16	**Title: Low Level Laser Irradiation effects on Proliferation and apoptosis in bone marrow Mesenchymal stem cells** **Farnaz Jelodar,** Shiraz Medical School, Iran
ESC-17	**Title: Three-dimensional culture system by magnetic levitation for the study of hematopoietic stem cell microenvironment** **Viviana Marcela Rodriguez-Pardo,** Pontifical Xaverian University, Columbia

Panel Discussion

Award & Closing Ceremony

