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1213th Conference

Scientific Program

9th Annual Conference on

STEM CELL AND REGENERATIVE MEDICINE

September 25-26, 2017 Berlin, Germany



Conference Series - America

One Commerce Center-1201, Orange St. #600, Wilmington, Zip 19899, Delaware, USA
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Müggelsee

conference**series**.com 08:30-08:50

Opening Ceremony

Keynote Forum

08:50-09:00 Introduction

Title: CCR5 governs stem cell characteristics, therapy resistance and metastasis of breast cancer

09:00-09:40

Richard George Pestell, Pennsylvania Cancer and Regenerative Medicine Research Center, USA

09:40-10:20

Title: RGTA based Matrix therapy for wound healing and tissue regeneration in Hand Surgery

Roohi S Ahmad, Universiti Putra Malaysia, Malaysia

Networking and Refreshments Break 10:20-10:40 @ Foyer

Exhibitor

10:40-11:10

Title: Lights on - Raman approach in stem cell research and medicine

Karin Schutze, CellTool GmbH, Germany

Sessions: Stem Cell Therapy | Stem Cell Technology | Tumour Cell Science | Stem Cell Nano-Technology | Potential Applications of Stem Cell Therapy

Session Chair: Richard George Pestell, Pennsylvania Cancer and Regenerative Medicine Research Center, USA

Session Chair: Joseph Choukroun, Pain Clinic, France

Session Introduction

11:10-11:35

Title: Developing clinical guidelines to treat neurological and neurosurgical disorders with stem cells

Francisco Ruiz-Navarro, Austrian Society for Regenerative Medicine, Austria

11:35-12:00

Title: Phenotypic and functional analysis of human adipose-derived stem cells

Michał Piłkuła, Gdańsk Medical University, Poland

12:00-12:25

Title: Stem cells: A ray of hope for treating infertility?

Vassilis Katsares, Embryolab IVF Unit, Greece

12:25-12:50

Title: Extraction of blood mesenchymal stem cells with the low speed centrifugation concept: Applications in regenerative medicine

Joseph Choukroun, Pain Clinic, France

Lunch Break 12:50-13:30 @ Restaurant Theodor's

13:30-13:55

Title: Human hematopoietic stem cell differentiation follows a continuous Waddington-like landscape

Simon Haas, German Cancer Research Center (DKFZ), Germany

13:55-14:20

Title: Homeopathy cures hypo and hyperfunction of a pathological pathway according to the physical resonance principle

Lenger Karin, University of Tubingen, Germany

14:20-14:45

Title: Nanotubes impregnated human olfactory bulb neural stem cells promote neuronal differentiation in trimethyltin-induced neurodegeneration rat model

Hany El-Sayed Marei, Qatar University, Qatar

14:45-15:10

Title: Bone marrow mesenchymal stem cells differentially affect the aggressiveness of cancer cell subtypes

Tamara Lah Turnšek, Mednarodna podiplomska šola Jožefa Stefana, Slovenia

15:10-15:35

Title: Epigenetic mechanisms downstream of Wnt in carcinomas and cancer stem cells

Walter Birchmeir, Max Delbrueck Center for Molecular Medicine (MDC) in the Helmholtz Association, Germany

Networking and Refreshments Break 15:35-15:50 @ Foyer

- Title: Mesenchymal stem cells in the treatment for caesarean section skin scars**
15:50-16:15 Zhengping Liu, Maternal & Child Health Hospital of Foshan - Southern Medical University, China
- Title: Frontier of hope and despair-immunobiology of Allogenic Hematopoietic Stem Cell Transplant**
16:15-16:40 Ganapathi Bhat Mugulthimole, Jaslok Hospital and Research Centre, India
- Title: Expression profile of cancer Stem Cell markers in Glioblastoma derived CD133 + and CD133- cells**
16:40-17:05 Asuman Sunguroglu, Ankara University, Turkey
- Title: Increased expression of CD24 in Glioblastoma Cell Lines after treatment with Temozolomide and Bortezomib**
17:05-17:30 Dilara Akcora-Yildiz, Mehmet Akif Ersoy University, Turkey

Panel Discussion

Day 2 September 26, 2017

Müggelsee

Keynote Forum

- 08:50-09:00 Introduction**
Title: Vascular tissue regeneration from implantation of 3D bio-printed stem cell grafts in rhesus monkeys
09:00-09:40 Y James Kang, Sichuan 3D Bio-printing Institute, China

Sessions: Tissue Regeneration | Cell and Gene Therapy | Regeneration and Therapeutics | Regenerative Medicine and Market | Tissue Science and Engineering | Biomaterial Engineering

Session Chair: Tamara Lah Turnšek, Mednarodna podiplomska šola Jožefa Stefana, Slovenia

Session Chair: Viacheslav M Mikhailov, Institute of Cytology - Russian Academy of Sciences, Russia

Session Introduction

- 09:40-10:05 Title: Cell transplantation as tool for foetuses growth regulation**
Viacheslav M Mikhailov, Institute of Cytology - Russian Academy of Sciences, Russia
- 10:05-10:30 Title: Adipogenic differentiation of MSC alters their immunomodulatory properties in a tissue-specific manner**
Helen McGettrick, University of Birmingham, UK

Networking and Refreshments Break 10:30-10:45 @ Foyer

- 10:45-11:10 Title: Maximising Integrated Quality (IQ) in Advanced Therapy Medicinal Products (ATMPs) and regenerative medicines**
Jasbir Rattu, CeutiQus Limited, UK
- 11:10-11:35 Title: The Heartpatch, an alginate-based scaffold system for cardiac tissue engineering**
Luca Gentile, Fraunhofer Institute, Germany
- 11:35-12:00 Title: Transformation of Mesenchymal Stem Cells (MSCs) represents an important process in the repair of the damaged mesangium**
Jiamin Teng, Louisiana State University Health Sciences Center, USA
- 12:00-12:25 Title: Potentiality of spermatogonial stem cells in regenerative medicine**
Sharmila Fagoonee, University of Turin, Italy
- 12:25-12:50 Title: Characterization of extracellular matrix-based gels as a tissue engineering platform for regenerative medicine**
Christopher A Bradley, Lattice Biologics, USA

Lunch Break 12:50-13:30 @ Restaurant Theodor's

- 13:30-13:55** Title: **The RNA binding protein quaking is a key regulator of endothelial cell differentiation, neovascularization and angiogenesis through direct binding of the 3'UTR of stat3**
Andriana Margariti, Queen's University Belfast, UK
- 13:55-14:20** Title: **Intragenic DNA methylation prevents spurious transcription initiation**
Francesco Neri, Leibniz Institute on Aging – Fritz Lipmann Institute, Germany
- 14:20-14:45** Title: **Isolation and expansion of selected potent placental cells for indirect mitigation of acute radiation syndrome, induction of bone marrow regeneration and protection of tissues in various inflammatory conditions**
Raphael Gorodetsky, Hadassah-Hebrew University Medical Center, Israel
- 14:45-15:10** Title: **Validation of strategies enhancing homology-directed repair pathway**
Sungtae Kim, GlaxoSmithKline, USA
- 15:10-15:35** Title: **Comprehensive regenerative therapies with human amniotic allograft derived cells, platelet rich plasma along with a series of prolotherapy to treat chronic joint pain and osteoarthritis: preliminary findings from a clinical study of 118 patients**
Yibing Li, Midwest Joint Pain Institute, USA
- 15:35-16:00** Title: **Comprehensive regenerative therapies with bone marrow stem cell, platelet rich plasma injections to treat severe osteoarthritis and torn rotator cuff tendons: preliminary findings from a clinical study of 19 patients**
Yibing Li, Midwest Joint Pain Institute, USA

Networking and Refreshments Break 16:00-16:15 @ Foyer

Young Research Forum

YRF Judge: Walter Birchmeirm, Max Delbrueck Center for Molecular Medicine (MDC) in the Helmholtz Association, Germany

- 16:15-16:35** Title: **Bone marrow stem cell therapy for shoulder rotator cuff tear: a case report**
Jeffrey Xue, CPMR - Midwest Joint Pain Institute, USA
- 16:35-16:55** Title: **Molecular docking study of selected natural compounds for cancer stem cells targeted anti-cancer activity**
Karthika M, University of Colombo, Sri Lanka
- 16:55-17:15** Title: **DNMT and p53 inhibitors are potential cardiomyogenic differentiation inducers of human amniotic fluid derived mesenchymal stem cells**
Monika Glemžaite, Vilnius University, Lithuania
- 17:15-17:35** Title: **Effect of systemic administration of granulocyte-colony stimulating factor on rate of bone fracture healing**
Collin Looi Seng Kim, Universiti Putra Malaysia, Malaysia

Panel Discussion

Awards & Closing Ceremony

Bookmark your dates

10th Annual Conference on

STEM CELL AND REGENERATIVE MEDICINE

August 13-14, 2018 | London, UK

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