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849th Conference

Scientific Program

Global Congress on

Tissue Engineering, Regenerative & Precision Medicine

December 1-2, 2016 | San Antonio, USA



Hosting Organization: Conference Series LLC

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Scientific Program

Day 1 December 01, 2016

08:45-09:15 Registrations — **Texas A**

conferenceseries.com **09:15-09:30** Opening Ceremony

Keynote Forum

Introduction

09:30-10:15 **Title: Enhancing translational potential of Mesenchymal Stem Cell (MSC) therapies for cancer with 3D culture**
Thomas Bartosh, Texas A&M University Health Science Center, USA

10:15-11:00 **Title: Regenerated liver from human tooth pulp treats swine liver failure started by NAFLD**
Ken Yaegaki, The Nippon Dental University, Japan

Networking & Refreshment Break 11:00-11:20 @ Texas A

11:20-12:05 **Title: Patch tracheoplasty by in body tissue engineering using collagenous connective tissue membranes (biosheets)**
Makoto Komura, Saitama Medical University, Japan

12:05-12:55 **Title: Cardiac endothelial progenitor cell promotes angiogenesis in mouse hindlimb ischemia**
Jia-Qiang He, Virginia Tech, USA

Lunch Break 12:55-13:40 @ Texas A

Sessions: Stem Cell | Stem Cell Treat ments | Cell engineering | Bone Tissue Engineering | Regenerative Medicine | Tissue Repair and Regeneration

Session Chair: Jia-Qiang He, Virginia Tech, USA
Session Co-chair: Brian Mehling, Blue Horizon International, USA

Session Introduction

13:40-14:10 **Title:Analysis of outcomes following mesenchymal stem cell therapy in subjects with musculoskeletal conditions**
Brian Mehling, Blue Horizon International, USA

14:10-14:40 **Title: ACL regeneration and osteointegration using a new silk fiber-based scaffold: results from a study in sheep**
Thomas Nau, Ludwig Boltzmann Institute for Experimental and Clinical Traumatology, Austria

14:40-15:10 **Title: Autologous stem cell transplantation in patients with idiopathic premature ovarian failure**
Hala Gabr, Cairo University, Egypt

15:10-15:40 **Title: Nanocarrier-directed targeted cell delivery for stem cell therapy**
Zhao-Jun Liu, University of Miami, USA

Coffee Break 15:40-16:00 @ Texas A

16:00-16:30 **Title: Allogenic bone marrow-derived mesenchymal stem therapy in Duchenne muscular dystrophy**
Wael Abo Elkheir, Military Medical Academy, Egypt

16:30-17:00 **Title: 3D intestinal co-culture analysis of the interaction of secreted proteins from intestinal nematode parasites with the mucosal habitat**
Emmanuela Maria Anandarajah, University of Munster, Germany

17:00--17:30 **Title:Re-imagining the ovary: Recent advances and technical hurdles in recapitulation of the human ovarian micro environment**
Dori C Woods, Northeastern University, USA

Panel Disscussion

Day 2 December 02, 2016

Texas A

Keynote Forum

09:45-10:30	**Title: Big Data, decision tree induction and image analysis for the discovery of decision rules for colon examination** **Petra Perner,** Institute of Computer Vision and Applied Computer Sciences, Germany
10:30-11:15	**Title: Proteomics analysis of brain AVM endothelium post radiosurgery in pursuit of targets for molecular therapies** **Margaret Simonian,** University of Californian Los Angeles, USA

Networking & Refreshment Break 11:15-11:30 @ Texas A

11:30-12:15	**Title: The future of medically integrated fitness for enhancing clinical outcomes.** **Jerry Ray Burgess,** St. Cloud State University, USA
12:15-12:45	**Title: An integrated approach to target deconvolution, target engagement and compound characterization in live cells** **Marjeta Urh,** Promega Corporation, USA

Sessions: Tissue Regeneration | Precision Medicine and Biomarkers | Healthcare | Stem cell | Precision Medicine and Data Analysis | Precision Medicine

Session Chair: Petra Perner, Institute of Computer Vision and Applied Computer Sciences, Germany
Session Co-Chair: Carlo Largiader , University of Bern , Switzerland

Session Introduction

12:45-13:15	**Title: Tissue regeneration in wound: Possibility to reality** **Sandeep Shrivastava,** J.N.Medical College, India

Lunch: 13:15-14:00 @ Texas A

14:00-14:30	**Title: Health-care integrated bio banking, an important resource for precision medicine** **Carlo Largiader,** University of Bern, Switzerland
14:30-15:00	**Title: Endotoxin detection in full blood plasma in a theranostic approach to combat sepsis** **Michael Thompson,** University of Toronto, Canada
15:00- 15:30	**Title: Biocompatibility and biodegradation response of synthesized Mg-Zn-Ca alloys on viability of adipose derived mesenchymal stem cells** **Kobra Tahermanesh,** Iran University of Medical Sciences, Iran
15:30-16:00	**Title: Co-clustering of multidimensional big data with biomedical applications** **Hong Yan,** University of Hong Kong, Hong Kong
16:00-16:30	**Title: Developing a regulatory framework for precision medicine products: a singaporean point of view** **Andrew Green,** National University Hospital, Singapore

Panel Disscussion

Networking & Refreshments 16:30-16:5 @ Texas A

Award Ceremony

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2nd Global Congress on

Tissue Engineering And Regenerative Medicine

August 23-24, 2017 San Francisco, USA

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