

# *Scientific Program*

Global Congress on

## **TISSUE ENGINEERING, REGENERATIVE AND PRECISION MEDICINE**

December 01-02, 2016 San Antonio, USA



**Hosting Organization: Conference Series LLC**

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# Scientific Program

Day 1 December 01, 2016

09:00-09:30 Registrations

Conference Hall

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09:30-10:00

## Opening Ceremony

### Keynote Forum

#### Introduction

10:00-10:45

**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

10:45-11:00

**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 @

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 @

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 @

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 Discussion

**Day 2 December 02, 2016**

Conference Hall

### 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 @

**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 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 @

**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 Discussion

Networking & Refreshments 16:30-16:50 @

Award Ceremony

**Bookmark Your Dates**

**2<sup>nd</sup> Global Congress on**

# **Tissue Engineering And Regenerative Medicine**

**August 23-24, 2017 San Francisco, USA**

Website: [www.tissuescience.conferenceseries.com](http://www.tissuescience.conferenceseries.com)

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