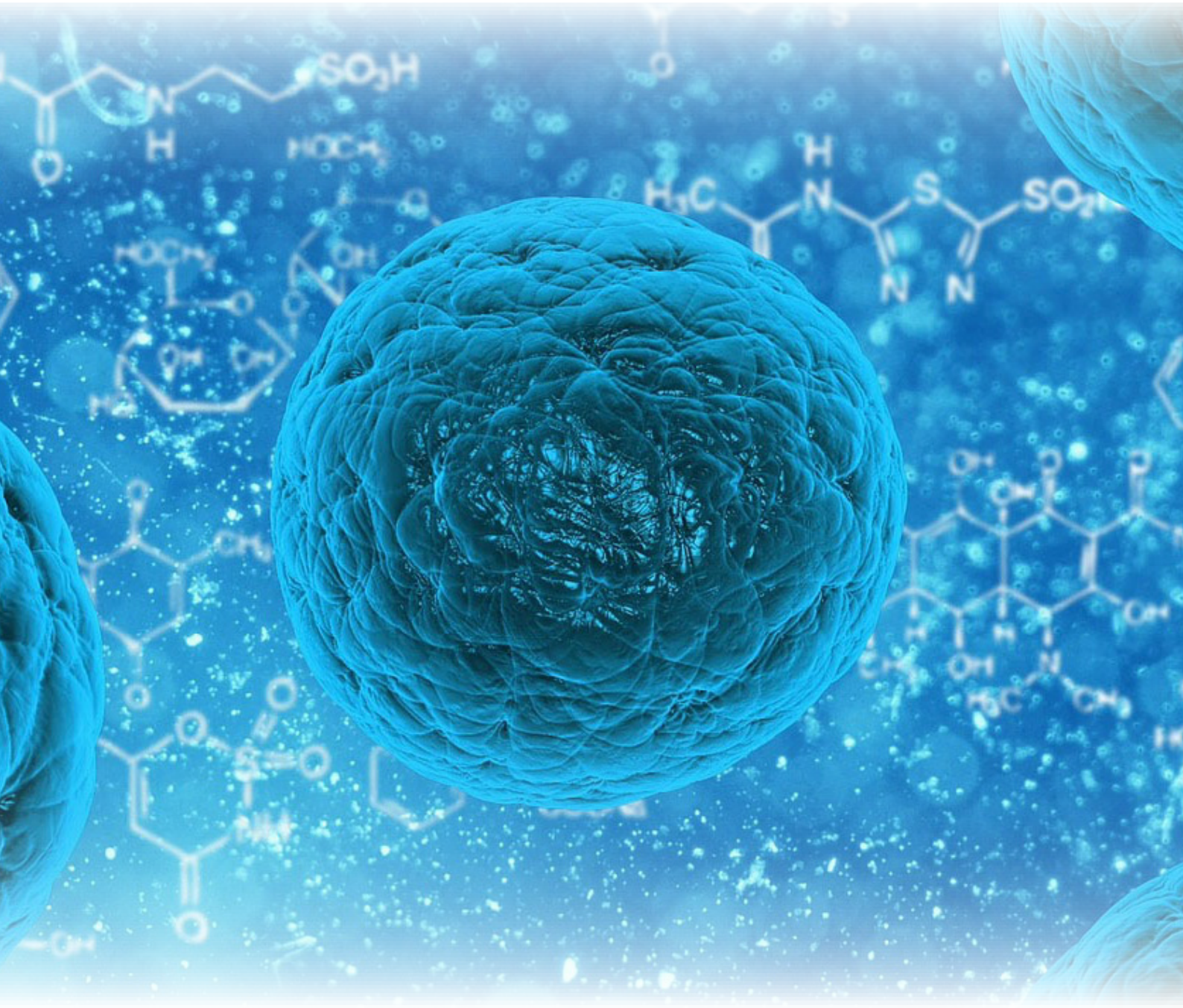
conferenceseries.com
591st Conference

Scientific Program

7th Annual Conference on

Stem Cell and Regenerative Medicine

August 04-05, 2016 Manchester, UK



Hosting Organization: Conference Series LLC
2360 Corporate Circle., Suite 400 Henderson, NV 89074-7722, USA
Ph: +1-888-843-8169, Fax: +1-650-618-1417, Toll free: +1-800-216-6499
Email: stemcellcongress@insightconferences.com, stemcellcongress@conferenceseries.com

Scientific Program

Day 1 August 04, 2016

08:30-09:00 Registrations

Stable Room

conferenceseries.com **09:00-09:30** Opening Ceremony

Keynote Forum

09:30-09:35 Introduction

09:35-10:00 Title: The importance of extra cellular matrix organization and the use of RGTA technology in regenerative medicine
Barritault Denis, OTR3, France

10:00-10:25 Title: Rejuvenation therapy for ischemic heart disease
Y James Kang, Sichuan University, China

10:25-10:50 Title: Significant physical function improvements of 3 serious injured patients after neural stem cell therapy
Taihua Wang, Interventional Hospital of Shandong Red Cross Society and Cell Biotechnology Co. Ltd, China

Group Photo

Coffee Break: 10:50-11:05 @ Outside Room

Sessions:
Stem Cell | Stem Cell Therapy | Stem Cell Technologies

Session Introduction

Session Chair: Barritault Denis, OTR3, France
Session Co-Chair: Raphael Gorodetsky, Hadassah-Hebrew University Medical Center, Israel

11:05- 11:25 Title: Jellyfish collagen biomaterials - Next generation collagen for cell culture and med-tech products
Andrew Mearns Spragg, Jellagen Pty Ltd, UK

11:25-11:45 Title: Regulation of hippocampal neural stem cell fate
Verdon Taylor, University of Basel, Switzerland

11:45-12:05 Title: Stem cell therapy for arthritis and joint injuries
Brian M Mehling, Blue Horizon International, LLC, USA

12:05-12:25 Title: Quiescent pluripotent stem cells reside within adult murine peripheral nerves; When stimulated they proliferate and express Sox2, Klf4, c-Myc, and Oct4
Michael H Heggeness, University of Kansas School of Medicine-Wichita, USA

12:25-12:45 Title: Ensuring successful technology transfers for clinical manufacture
Janet Downie, Roslin Cell Therapies, UK

12:45-13:05 Title: Development of pluripotent stem cell based therapies for neurologic and oncologic disorders
Jane Lebkowski, Asterias Biotherapeutics, USA

Lunch Break: 13:05-13:50 @ Source Grill

13:50-14:10 Title: Stem cell reprogramming for ENT regenerative medicine
Serban San-Marina, Mayo Clinic, USA

14:10-14:30 Title: Does the addition of EPAT to SVF improve the outcomes in severe degenerative joint conditions?
Hazem Barmada, Mississippi Stem cell Treatment Center, USA

14:30-14:50 Title: Glycomics approaches to the studies of stem cells and development of glycan-targeted cancer immunotherapy
John Yu, Chang Gung Memorial Hospital, Taiwan

14:50-15:10	**Title: Deriving consecutive building blocks of human cortical development from pluripotent stem cells: Fundamentals and implications** **Yechiel Elkabetz,** Tel Aviv University, Israel
15:10-15:30	**Title: Sports medicine: Stem cells in the OA and AVN patient** **Dennis M Lox,** Sports and Regenerative Medicine Centers, USA
15:30-15:50	**Title: Aqp2+ progenitors are the principal source of connecting tubule** **Wenzheng Zhang,** Albany Medical Center, USA
15:50-16:10	**Title: Comparison of treatment proficiency of intravenous and intrasplenic injection of the bone marrow-derived mesenchymal stem cell in CCL4-induced white albino rat liver fibrosis** **Naglaa Kamal Idriss,** Assiut University, Egypt

Coffee Break: 16:10-16:30 @ Outside Room

16:30-16:50	**Title: Surgical resection of residual breast cancer: The stem cells that neoadjuvant chemotherapy leave behind** **SuEllen Pommier,** Oregon Health & Science University, USA
16:50-17:10	**Title: Stem cell approaches to model cancer** **Huanhuan Joyce Chen,** Cornell University, USA
17:10-17:30	**Title: Functional germ cells from mesenchymal stem cells: A dream or reality?** **Mohammad Ghasemzadeh-Hasankolaei,** Babol University of Medical Sciences, Iran
17:30-17:50	**Title: The role of microRNA-138 in extracorporeal shockwave stimulated osteogenesis of mesenchymal stem cells** **Jun Hu,** Shantou University Medical College, China

Panel Discussion

Day 2 August 05, 2016

Stable Room

Keynote Forum

09:00-09:25	**Title: Using 'Mouse Clone Model' to open the door for human iPSC therapy** **Gang Zhang,** Interventional Hospital of Shandong Red Cross Society and Cell Biotechnology Co. Ltd, China
09:25-09:50	**Title: A novel regenerative medicine approach to reconstruct the temporomandibular joint disk** **Pedro Morouço,** Centro Empresarial da Marinha Grande, Portugal

Sessions: Regenerative Medicine | Stem Cell Transplantation | Stem Cell Biomarkers | Biomaterials Engineering

Session Introduction

Session Chair: Hazem Barmada, Mississippi Stem cell Treatment Center, USA
Session Co-Chair: Serban San-Marina, Mayo Clinic, USA

09:50-10:10	**Title: Isolation of highly potent expanded human placental stromal cells (hPSC) and their application for regenerative medicine and treatment of acute lethal radiation syndrome** **Raphael Gorodetsky,** Hadassah-Hebrew University Medical Center, Israel
10:10-10:30	**Title: Regenerative therapeutic approaches for kidney regeneration: Present and future** **Andrew Kurtz,** University Medicine Berlin, Germany
10:30-10:50	**Title: Amyotrophic lateral sclerosis: Patient's regression after stem cell treatment** **Decio Basso,** UPE –School of medicine, Paraguay
10:50- 11:10	**Title: Intra-articular injection of stem cells in patients with knee osteoarthritis: A systematic review of the literature** **Haiko Pas,** St Lucas Andreas Hospital, The Netherlands

Coffee Break: 11:10-11:25 @ Outside Room

11:25- 11:45	**Title: Regeneration of infarcted myocardium by genetically modified stem cells** **Nilanjana Maulik**, University of Connecticut Health Center, USA
11:45- 12:05	**Title: Arrhythmias in stem cell transplantation** **Sasikanth Adigopula**, Loma Linda University, USA
12:05- 12:25	**Title: Analysis of intellectual properties on animal derived regenerative, implantable medical devices** **Hongman Wang**, Peking University Health Science Center, China
12:25- 12:45	**Title: Cellular modelling of trisomy 21 as an approach to understand Alzheimer's disease** **Dean Nizetic**, Nanyang Technological University, Singapore
12:45- 13:05	**Title: Do the valve endocardial progenitors originate from a single zebrafish blastula HPRG1+ cell?** **Xishuwan Wu**, Hunan Normal University, China
	Lunch Break: 13:05-13:50 @ Source Grill
13:50-14:10	**Title: Role of autologous stem cells in infertility** **Prabhu Mishra**, Stemgenn Therapeutics and secretary general-stem cell society, India
14:10-14:30	**Title: Myelo-enhancement by *Astragalus membranaceus* in male albino rats with chemotherapy myelo-suppression: Histological and immunohistochemical study** **Noha Mohammed Afifi Amin**, Cairo University, Egypt
14:30-14:50	**Title: Lysophosphatidic acid signaling pathway influences on adipose tissue-derived mesenchymal stem cells for using in EAE** **Guillermo Estivill-Torrús**, University Regional Hospital of Malaga, Spain
	Young Researcher Forum
14:50-15:10	**Title: Simple and versatile synthetic polydopamine-based surface supports reprogramming of human somatic cells and long-term self-renewal of human pluripotent stem cells under defined conditions** **Ping Zhou**, Peking University, China
15:10-15:30	**Title: A systematic review and meta-analysis of clinical trials of mesenchymal stem cell therapy for cartilage repair** **Aditya Borakati**, University of Hull, UK
15:30-15:50	**Title: Improved adhesion of adult derived human liver stem cells (ADHLSCs) to endothelial cells by culture on thermosensitive polymer** **Pierre-Edouard Dollet**, Universite Catholique de Louvain, Belgium
	Coffee Break: 15:50-16:10 @ Outside Room
	Poster Presentations @ 16:10-17:00
SCC-01	**Title: Adhesion ability of human mesenchymal stem cells over expressing VLA-4 molecules via mRNA-ITGA-4 transfection** **Anna Andrzejewska**, Mossakowski Medical Research Centre, Poland
SCC-02	**Title: Human adipose stem cells cultured with novel wood derived nanofibrillar cellulose** **Raili Koivuniemi**, University of Helsinki, Finland
SCC-03	**Title: The treatments with a neurogenesis-promoting nutraceutical elicit cognitive improvement in an mouse model of Alzheimer's disease** **Yung-Feng Liao**, Academia Sinica, Taiwan
SCC-04	**Title: Role of microrna in mesenchymal stem cell fate decisions** **Bahareh Ghasemi**, King's College London, UK
SCC-05	**Title: Physiological and histological effects after implanting pluripotent stem cells in a murine model with anal canal injury** **Monica Maribel Mata Miranda**, Instituto Politécnico Nacional, México

SCC-06 **Title: Peptide-conjugated hyaluronic acid surface for the culture of human induced pluripotent stem cells under defined conditions**

Shicheng Wei, Peking University, China

SCC-07 **Title: FTIR-DPC from PSC-FTIR spectroscopic and molecular analysis of differentiated pancreatic cells from pluripotent stem cells**

Gustavo Jesús Vázquez Zapién, Instituto Politécnico Nacional, México

SCC-08 **Title: Characterization of mice and canine glial restricted precursor cells as the potential tool for cell-based therapy in experimental models of amyotrophic lateral sclerosis**

Malgorzata Majchrzak, Polish Academy of Sciences, Poland

SCC-09 **Title: Up-regulation of Cox 2 pathway in interferon-γ treated mesenchymal stem cells suppress interleukin-10 production by activated B cells**

Barbora Hermankova, Charles University, Czech Republic

SCC-10 **Title: Immunosuppressive effect of mesenchymal stem cells in combination with Cyclosporine A in a model of skin transplantation**

Michaela Hajkovaa, Charles University, Czech Republic

SCC-11 **Title: Dental pulp stem cell isolation, tissue culture, characterization and cryopreservation from human tooth**

Mohamed Gamal El-Beltagy, Mansoura University, Egypt

SCC-12 **Title: Relative value of human umbilical blood cord and rat bone marrow mesenchymal stem on streptozotocin induced type-1 diabetes mellitus**

Naglaa Kamal Idriss, Assiut University, Egypt

SCC-13 **Title: Modulation of early inflammatory response in the damaged eye by intravenously administered interferon-γ-treated mesenchymal stem cells**

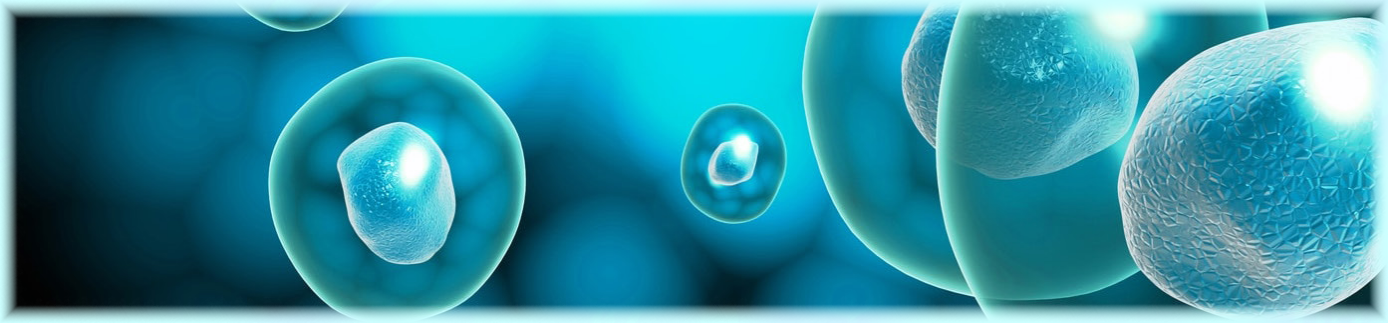
Eliska Javorkova, Charles University, Czech Republic

SCC-14 **Title: Thermally and chemically assisted electrospinning of gelatin aqueous solution: An innovative approach toward biocompatible scaffold**

Sadegh Golie, Iran Polymer and Petrochemical Institute, Iran

Panel Discussion

Award Ceremony



Bookmark Your Dates

9th Annual Conference on

Stem Cell and Regenerative Medicine

September 05-06, 2017 Paris, France

Website: www.stemcell-regenerativemedicine.conferenceseries.com

Conference Series LLC
2360 Corporate Circle, Suite 400
Henderson, NV 89074-7722, USA
Ph: +1-888-843-8169
Fax: +1-650-618-1417
america@conferenceseries.com

Conference Series Ltd
Heathrow Stockley Park Lakeside
House, 1 Furzeground Way
Heathrow, UB11 1BD
United Kingdom
europe@conferenceseries.com

OMICS International
6th Floor, North Block
Divyasree Building, Raidurg Hyderabad
Telangana, INDIA-500032
Tel: +91-40-33432300
asiapacific@conferenceseries.com

Toll free
USA & Canada: +1-800-216-6499
Australia: +1-800-651-097
Europe: 0805-080048