2nd Annual Summit on Stem Cell Research, Cell & Gene Therapy 2018

November 09-10, 2018 Atlanta, USA

Conference Hall : Ambassador

Day 1 : November 09, 2018

08:30-09:00	**Registrations**
09:00-09:30	**Opening Ceremony**
Keynote Forum	
09:30-10:05	**Title: Marrow fibroblasts induce monocytes to promote endogenous regeneration**
	Beverly Torok-Storb, Fred Hutchinson Cancer Research Center, USA
10:05-10:40	**Title: Bio-fabrication of "smart microcapsules" containing insulin secreting pancreatic islet cells: potential applications in diabetes mellitus**
	Martin J D'Souza, Mercer University, USA
10:40-11:15	**Title:Optimizing regenerative medicine therapies for differing patient populations**
	J. Koudy Williams, Wake Forest Baptist Medical Center, USA
11:15-11:50	**Title: Lithium effects on stem cells ---advances in stem cell application in clinical medicine**
	Vincent S. Gallicchio, Clemson University, USA
11:50-12:25	**Title: Development and application of bioengineered artificial tumor tissues to effectively model breast cancer generation, progression and metastasis**
	Timothy Lyden, University of Wisconsin-River Falls, USA
Panel Discussion	
Networking & Lunch Break 12:25-13:25@ Atrium	
Special Session	
Stem Cells | Biomaterials and Bioprocessing | Regenerative Medicine Research | Diseases And Regenerative Medicine Approach | Synthetic Biology and CRISPR Technology	
Session Chair: Not yet decided	
13:25-13:55	**Title: Role of BET proteins in cellular reprogramming**
	Kejin Hu, University of Alabama at Birmingham, USA
13:55-14:25	**Title: Advanced synchrotron radiation tomography in regenerative medicine. A 3D exploration into the intimate interactions between tissues, cells and biomaterials**
	Alessandra Giuliani, Polytechnic University of Marche, Italy
14:25-14:55	**Title:Photobiomodulation at 660 nm attenuates oxidative stress by inhibiting FOXO1 activation in diabetic wounded fibroblast cells**

	Naresh Kumar, University of Johannesburg, South Africa
Group Photo **Networking & Refreshments Break 14:55-15:05@ Atrium**	
15:05-15:35	**Title: Sodium butyrate, a histone deacetylase inhibitor, as a novel agent in treatment of juvenile diabetic rat: a histological and molecular study on pancreas**
	Dalia Elgamal, Assiut University, Egypt
15:35-16:05	**Title: Protein phosphatase regulation of Apical-Basal Polarity : A new mechanism for lung stem cell behavior and protection against lung fibrosis**
	Ahmed El-Hashash, University of Edinburgh I Zhejiang, China
16:05 -16:35	**Title: Repigmentation of Human vitiligo skin by narrow band UVB is controlled by transcription of GLI1 and activation of β-Catenin pathway in the hair follicle bulge stem cells**
	Stanca Birlea, University of Colorado School of Medicine, USA
16:35 -17:05	**Title: The promise of cell-based gene therapies using non-viral delivery approaches**
	Renee Cottle, Clemson University, USA
17:05 -17:35	**Title: Speaker Slot Available**
Panel Discussion	
Day 2 November 10, 2018	
Conference Hall : Ambassador	
Keynote Forum	
09:30-10:05	**Title: Leading regenerative medicine innovation to market**
	Dan Gincel, Maryland Stem Cell Research Fund, USA
10:05-10:40	**Title: Limiting factors to the therapeutic use of CBUs and how to overcome these**
	Wolfgang Knirsch, Vita 34 AG, Germany
10:40-11:15	**Title: Reconstruction to regeneration: beginning of a new era in the wound management**
	Sandeep Shrivastava, Datta Meghe Institute of Medical Sciences , DU, India
Networking & Refreshments Break 11:15 -11:25@ Atrium **Panel Discussion**	
11:25-12:00	**Title: Antibody-proteases as a a unique target and thus the tool to be applied in regenerative medicine**
	Sergey Suchkov, First Moscow State Medical University, Moscow, Russia

12:00-12:35	**Title: Two Steps Transplantations of hepatocytes produced from human tooth pulp into swine with cirrhosis**
	Ken Yaegaki, Nippon Dental University School of Life Dentistry, Tokyo, Japan
Special Session	
Clinical and Translational Research | Advances in Biomedical Engineering, Imaging and Screening | Stem Cell Research and Regenerative Medicine | Gene Therapy | Regenerative Medicine in Aging, Dermatology and Plastic Surgery | Mesenchymal stem cells (MSC)	
Session Chair: Not yet decided	
12:35-13:05	**Title: Modeling aging and type-2 Diabetes with precursors derived from skin**
	Sarah K. Steinbach, Brevitas Consulting, Canada
Panel Discussion & Group Photo	
Networking & Lunch Break 13:05-13:40@ Atrium	
13:40-14:15	**Title: LTβR angiogenic signaling is crucial for bioengineering a kidney in lymphoid organs**
	Maria Giovanna Francipane, University of Pittsburgh School of Medicine, USA
14:15-14:40	**Title: Modeling disease of the peripheral nervous system using human pluripotent stem cells**
	Nadja Zeltner, University of Georgia, USA
14:40-15:15	**Title: Niosome-mediated gene delivery: New insights into safe and effective CNS therapeutics**
	Noha Attia Hussien, American University of Antigua, Antigua and Barbuda
15:15-15:45	**Title: Effect of mesenchymal stem cells alone or combined with berberine versus methotrexate in experimental model of rheumatoid arthritis**
	Nashwa Ahmed Mohamed Mostafa, Assiut University, Egypt
15:45-16:15	**Title: The role of adipose derived- mesenchymal stem cells in healing of experimentally induced gastric ulcer in adult male albino rats**
	Amal Taha Abou-Elghait, Assiut University, Egypt
16:15-16:45	**Title: Differential effects of mesenchymal stem/stromal cells (MSCs) and of their secreted extracellular vesicles (EVs) in a murine model of inflammatory bowel disease**
	Maurizio Muraca, University of Padova School of Medicine, Italy
16:45-17:15	**Title: The potential of adipose-derived stem cells for the treatment of recessive dystrophic epidermolysis bullosa**
	Shigaku Ikeda, Juntendo University Graduate School of Medicine, Japan
17:15-17:45	**Title: Micro-vesicles secreted by nitric oxide-primed mesenchymal stromal cells boost the engraftment potential of hematopoietic stem cells**
	Vaijayanti Kale, Symbiosis School of Biological Sciences, India

17:45-18:15	**Title: New Treatment for Muscular Dystrophy**
	Islam Medhat, Cairo University, Egypt
Panel Discussion **Networking & Refreshments Break 18:15-18:30@ Ballroom Prefunction** **Poster Session 18:30-19:30**	
P01	**Title: Targeted pharmacological regulation of intracellular signal transduction in regenerative-competent cells - a new direction of therapy in regenerative medicine**
	Gleb Zyuz`kov, Russian Academy of Sciences, Russia
P02	**Title: Polycomb repressive complex 1 regulators of early ectodermal differentiation**
	Divya Desai, NMIMS University, India
P03	**Title: The Cytoprotective effect of barley compared with phenytoin on the cerebellum of mice with electrically induced seizures**
	Nashwa Ahmed Mohamed Mostafa, Assiut University, Egypt
P04	**Title: The efficiency of using adipose-derived Mesenchymal stem cells (AD-MSC) in treatment of Stress Urinary Incontinence (SUI) in rat model. Histological and molecular study**
	Nashwa Ahmed Mohamed Mostafa, Assiut University, Egypt
P05	**Slot Available**
P06	**Slot Available**
Panel Discussion	
Award Ceremony	
Thanks Giving & Closing Ceremony	