

SCIENTIFIC PROGRAM	
	22-Mar-2015
18:00-19:00	Registrations
	23-Mar-2015
08:00-08:30	Registrations
08:30-08:55	Opening Ceremony
08:55-09:00	Introduction
	Keynote forum
09:00-09:25	James L. Sherley , Asymmetrex LLC, USA
09:25-09:50	Ornella Parolini , International Placenta Stem Cell Society, Italy
09:50-10:15	Haval Shirwan , University of Louisville, USA
	Symposium On Stem Cell Medical Engineering
10:15-10:40	Title: Asymmetric Self-Renewal: The fundamental property of tissue stem cells is the fundamental principle for their medical engineering James L. Sherley, Asymmetrex LLC, USA
	Group Photo
	Coffee Break 10:40 - 10:55 @.....
	Track 1: Stem Cell Therapy
	Track 3: Stem-cell transplantation
	Track 7: Cell Mechanics
	Chair: James L. Sherley, Asymmetrex LLC, USA
	Chair: Ornella Parolini, International Placenta Stem Cell Society, Italy
10:55 -11:15	Title: Apoptosis as an effective means of inducing tolerance to pancreatic islets for the treatment of type 1 diabetes Shirwan Haval, University of Louisville, USA
11:15 -11:35	Title: In regenerative medicine does stem cell differentiation really matter? Ornella Parolini, International Placenta Stem Cell Society, Italy
11:35 -11:55	Title: Regulation of miR-34a-SIRT1 axis reduced breast cancer stemness Gary Guishan Xiao, Genomics and Functional Proteomics Laboratories, USA
11:55-12:15	Title: Regulation of anchorage-independence by splice variants of osteopontin Georg F. Weber, University of Cincinnati, USA
12:15-12:35	Title: Bone marrow cells influences for function of rat decidua Viacheslav Mikhailov, International Society of Differentiation, USA

12:35-12:55	Title: Fusion peptide P15-CSP coatings suppress biofilm formation and advance mesenchymal stem cell osteogenic differentiation on hydrophilic but not hydrophobic surfaces Caroline Hoemann, Ecole Polytechnique, Canada
12:55-13:15	Title: Neuron point-of-care stem cell therapy (N-POCST): Transplantation of autologous bone marrow-derived stem cells for traumatic central nervous system disorders, the future of a new method Francisco Ruiz-Navarro, Austrian Society for Regenerative Medicine, Austria
	Lunch Break 13:15 - 14:00 @.....
14:00-14:20	Title: Uncomplicated way to induce pancreatic beta cell formation in vivo through "Cellular Networking, Integration and Processing (CNIP)" Bruno Doiron, University of Texas Health Science Center, USA
14:20-14:40	Title: The impact of superoxide-peroxide hydrogen imbalance on cellular dysfunction, senescence and on regenerative therapies Ivana Beatrice Mânica da Cruz, Universidade Federal de Santa Maria, Brazil
14:40-15:00	Title: TNF modulation of cancer stem cells in renal clear cell carcinoma Rafia S. Al-Lamki, University of Cambridge, United Kingdom
15:00-15:20	Title: Mobilization and differentiation of multipotent Nestin+ stem cells during arterial remodeling Mei Wan, Johns Hopkins University School of Medicine, USA
15:20-15:40	Title: Increasing the engraftment capacity and function of hematopoietic stem cells after transplantation Hanna Dobrowolska, Columbia University Medical Center, USA
15:40-16:00	Title: Activated leukocytes alter allogeneic multipotent mesenchymal stromal cell functions Elena R. Andreeva, Institute of Biomedical Problems (NUPALS), Russia
	Coffee Break 16:00 - 16:15 @.....
16:15-16:35	Title: The histone tail domains are critical in cell proliferation Christophe Thiriet, Université de Nantes, France
16:35-16:55	Title: Delineating stem cells and cell hierarchy in the bovine mammary gland Itamar Barash, Agricultural Research Organization, Israel
16:55-17:15	Title: Synthetic mRNAs as optimised tools for stem cell generation and for manipulating cellular phenotypes Guido Krupp, AmpTec GmbH, Germany
17:15-17:35	CREG1 interacts with Sec8 to promote cardiomyocyte differentiation of embryonic stem cells Shaohua Li, Rutgers-the State University of New Jersey, USA
17:35-17:55	Title: Intrinsic role of p53 in the differentiation of neural stem cells Margarita Glazova, Russian Academy of Sciences, Russia
17:55-18:15	Title: Platelet Activity: The assessment profile in patients with sickle-cell hemoglobinopathy and the antiplatelet potential of synthetic compounds. Reinaldo Geraldo, Federal University of Juiz de Fora, Brasil
18:15-18:35	Title: Stem cell in form deprivation myopia (FDM) mice Ching-Hua Yeh, Kaohsiung Medical University, Taiwan
18:35-18:55	Title: Harnessing novel biomarkers of human embryonic stem cells for cancer diagnosis and therapy John Yu, Chang Gung Memorial Hospital, Taiwan

	Title: Stem cell therapy in cases of retinitis pigmentosa
18:55-19:15	Abdelhakim Mohamed Safwat, Al-AZHAR University, Egypt
	Title: The potential differentiation of hypoxic niche bone marrow derived autologous mesenchymal stem cells for retinal disorder treatment
19:15-19:35	Purwati Armand, Airlangga University, Indonesia
	Title: Platelet cell based therapy: an excellent wound healing medicine
19:35-19:55	Shivdas G. Nanaware, D. Y. Patil University, India
	Day 2 24-March-2015
	Keynote forum
08:30-08:55	Paul J. Davis, Albany Medical College, USA
08:55-09:20	Diana Anderson, University of Manchester, United Kingdom
	Workshop on stem cells in glomerular repair: Present status, challenges, and future expectations
09:20-12:05	Chair and Moderator: Guillermo A. Herrera, Louisiana State University Health Sciences Center, USA
	Title: Generic glomerular damage viewed through a unique experimental model: Understanding the repair that needs to be accomplished. What we know and what we need to find out
09:20-09:50	Guillermo A. Herrera, Louisiana State University Health Sciences Center, USA
	Title: The renal parenchymal niches of progenitor cells and glomerular repair
09:50-10:20	Paola Romagnanin, University of Florence, Italy
	Coffee Break 10:20 - 10:35 @....
	Title: Experimental platforms to address mesangial repair: What has been accomplished
10:35-11:05	Jiamin Teng, Louisiana State University, Health Sciences Center Shreveport, USA
	Yet to be confirmed
11:05-11:35	Chun Zeng, Louisiana State University, Health Sciences Center Shreveport, USA
	Title: Induced pluripotent and mesenchymal stem cells: exogenous participation for glomerular repair
11:35-12:05	Elba A. Turbat-Herrera, Louisiana State University Health Sciences Center Shreveport, USA
	Symposium on Immunomodulatory mechanisms underlying the therapeutical effects of amniotic membrane-derived cells
	Title: Immunomodulatory mechanisms underlying the therapeutical effects of amniotic membrane-derived cells
12:05-12:30	Ornella Parolini, International Placenta Stem Cell Society, Italy
	Track 10: Novel Stem Cell Technologies
	Track: 16 Tumour science, Apoptosis and Cancer
	Track 5: Current Research
	Track 18: Cell & Gene Therapy
	Chair: Paul J. Davis, Albany Medical College, USA

	Chair: Gary Guishan Xiao, Genomics and Functional Proteomics Laboratories Creighton University, USA
12:30-12:50	Title: Proximity ligation assays, A method for ultra sensitive protein detection Stephen Lin, Thermo Fisher Scientific, USA
12:50-13:10	Title: Multipotent progenitors and activated mouse fibroblast-like cells from VEGF-derived promoter exhibit efficient reprogramming Prabhat Kumar Singhal, Massachusetts General Hospital, USA
13:10-13:30	Title: Optimization of cord blood stem/progenitor cells expansion: human adipose-tissue derived stromal cells in combination with hypoxia effectively support Ex Vivo multiplication of hematopoietic precursors Ludmila B. Buravkova, Institute of Biomedical Problems RAS, Russia
	Lunch Break 13:30 - 14:15 @.....
14:15-14:35	Title: Targeting key cancer stem cell pathways overcomes chemoresistance to platinum therapy Daniela Dinulescu, Harvard Medical School, USA
14:35-14:55	Title: Energy restriction synergizes doxorubicin activity via targeting breast cancer stem cells Hany A. Omar, University of Sharjah, United Arab Emirates
14:55-15:15	Title: Therapeutic anti-pan HLA-class II monoclonal antibody that directly induces lymphoma cell death via large pore formation. Shuji Matsuoka, Juntendo University School of Medicine, Japan
15:15-15:35	Title: Global expression analysis of cell lines; what can we learn about in vitro growth? Anna Asplund, Uppsala University Uppsala, Sweden
15:35-15:55	Title: The intracellular Na ⁺ /H ⁺ exchanger NHE7 effects a novel Na ⁺ but not K ⁺ -coupled proton-loading mechanism in endocytosis Laurent Counillon, Université Nice-Sophia Antipolis, France
	Coffee Break 16:15 - 16:30 @.....
	(16:15-16:17)Poster Presentation
	Track 5: Current Research
	Track 18: Cell & Gene Therapy
16:30-16:50	Title: Can glass be the answer for in-vitro bone differentiation ? Ahmed Taher Elserafy, University of Sharjah, United Arab Emirates
16:50-17:10	Title: β-Human chorionic gonadotrophin (β-HCG total) as a tumor marker in pregnancy Manuela Stoicescu, Oradea University, Romania
17:10-17:30	Title: Novel role for CXCR2 in human pluripotent stem cells Ji-Hye Jung, Korea University, Korea
17:30-17:50	Title: B-aggressive lymphoma proteins BALs and IFNγ /STAT signaling pathway: new drug targets in highly chemo-resistant tumors Rosalba Camicia, University of Zurich, Switzerland
17:50-18:10	YAP1 promotes self-renewal of breast tumor initiating cell and indicates bad prognosis of breast cancer patients Jian-Guo Sun, Third Military Medical University, China

18:10-18:30	Title: Matricellular CCNI/Cyr61 as a regulator of pancreatic carcinogenesis in the sonic Hedgehog signaling pathway and the use of resveratrol for cancer pathway Rajiv Kumar Jha, Xi'an Medical College, China
18:30-18:50	Collagen 1 and Elastin Genes Expression of Mitral Valvular Interstitial Cells in MicroFiber Reinforced Hydrogel Maryam Eslami, Vice President of Azad Paramedical School, Iran
18:50-19:10	Title: A novel metabolite from an extremophile streptomycetes with apoptosis regulator function Nasrin Moazami, Iranian Research Organization for Science and Technology, Iran
	Speaker opportunity available

	Day 3	25-March-2015
	Workshop on Synthesis of scaffold for heart valve based on molecular patterns and study of its effects (Mechanically· Biologically· Collagen 1 and Elastin Genes Expression) on Valvular Interstitial Cells	
08:30-08:55	Maryam Eslami, Vice President of Azad Paramedical School, Iran	
	Title: Toward practical application of amino acid pairing peptides in anticancer drug delivery	
08:55-09:20	Sheva Naahidi, Canada	
	Track 17: Genetics, Bioinformatics and Computational Biology	
	Track: 2 Drugs and clinical Developments	
	Track: 14 Signalling in Development	
	Chair: Diana Anderson, University of Manchester, United Kingdom	
	Co-chair: Yet to be confirmed	
	Title: Statistical computing and mathematical modeling for understanding of biological functions using big data	
09:20-09:40	Kazuo Ishii, Tokyo University of Agriculture and Technology, Japan	
	Title: DNA damage in lymphocytes from healthy individuals and respiratory disease patients, treated ex vivo/in vitro with aspirin and ibuprofen nanoparticles compared to their bulk forms	
09:40-10:00	Diana Anderson, University of Manchester, United Kingdom	
	Title: How does the transcription repressor REST govern gene expression and splicing in neural cells?	
10:00-10:20	Jacopo Meldolesi, San Raffaele Scientific Institute, Italy	
	Title: Pluripotent stem cell-based therapy for Parkinson's disease	
10:20-10:40	Xianmin Zeng, XCell Science Inc, USA	
	Coffee Break 10:40 - 10:55 @.....	
	Title: Upstream expansion solutions for stem cells	
10:55-11:15	Julie R. Murrell, EMD Millipore, USA	
	Title: Thromboxane in smoking-induced lung carcinogenesis – potential new pathways for intervention	
11:15-11:35	George G. Chen, The Chinese University of Hong Kong, China	

11:35-11:55	Title: Induced pluripotent stem cells as models of human disease: A promising approach for studying Parkinson's disease Stephen Lin, Thermo Fisher Scientific, USA
11:55-12:15	Title: Formed cellular elements of blood-platelets: excellent wound healing cellular treatment Shivdas G. Nanaware, D. Y. Patil University, India
12:15-12:35	Title: Chemo-residual triple-negative breast tumor cells exhibit increased metastatic potential Robin Bachelder, Duke University Medical Center, USA
12:35-12:55	Title: Endothelial cells-derived-iPS: A tool for studying endothelial cell specific gene regulation. Nadia Jahroudi, University of Alberta, Canada
12:55-13:15	Title: Hydroxybenzoic acid isomers and the cardiovascular system Basmah MH. AlTinawi, Alfaisal University, Saudi Arabia
	Lunch Break 13:15 - 14:00 @.....
14:00-14:20	Title: Does hUCB derived Lin-ve stem cells rescue amyloid- β peptide induced mouse model of memory loss Akshay Anand, Post Graduate Institute of Medical Education and Research, India
14:20-14:40	Title: BP1, a potential oncogene overexpressed in cancer Patricia Berg, George Washington University Medical Center, USA
14:40-15:00	Title: On the interpretation of the recent Nobel Prize discovery of the "internal GPS" in the brain and its possible implications for medical treatment Simon Berkovich, George Washington University, USA
15:00-15:20	Title: Multiethnic triple negative breast cancer comparisons of gene expression shows enrichment of distinct pathways in ALDH1+ compared to CD44+/CD24-/EpCAM+ cancer stem cell populations Evelyn M. Jiagge, University of Michigan Health System, USA
15:20-15:40	Title: Adipose mesenchymal stem cells and peripheral blood endothelial colony forming cells for tissue engineering Daniel Markeson, University College London, United Kingdom
15:40-16:00	Title: Relevance and scope of SMS derived multicellular micro machines (M3) in native tissue reconstruction. Abdulkader Rahmo, National Commission for Biotechnology, Syria
16:00-16:20	Title: Spatial separation of Xist RNA and polycomb proteins revealed by superresolution microscopy Andrea Cerase, University of Oxford, United Kingdom
	Coffee Break 16:20 - 16:35 @.....
16:35-16:55	Title: Therapeutic role of bone marrow-derived mesenchymal stem cells in cyclophosphamide-induced cardiotoxicity in adult male albino rat: morphological and immunohistochemical Study Walaa Mohamed Sayed, Cairo University, Egypt
16:55-17:15	Title: Human adipose-derived stem cells obtained from lipoaspirates are highly cytogenotoxic susceptible to hydrogen peroxide Alencar Kolinski Machado, Federal University of Santa Maria, Brazil
17:15-17:35	Title: Population and family based association study on TPH1, TPH2 and ITGB3 genes indicate serotonergic system involvement in autism spectrum disorder Asem Surindro Singh, National Centre for Biological Sciences, India

17:35-17:55	Title: Selective abrogation of IL-12/IL-23 production provides novel therapeutic modality in combating lethal synergism of influenza and secondary pneumonia Krishnan Chakravarthy, Johns Hopkins Hospital, USA
17:55-18:15	Title: Stem cell transplantation in rotator cuff repair: Influence on functional recovery Cintia Helena Ritzel, Hospital de Clinicas de Porto Alegre, Brazil
18:15-18:35	Title: South African plants and skin cancer Namrita Lall, University of Pretoria, South Africa
	Title: Kinetic characterization of malate dehydrogenase in normal and malignant human breast tissues Mahshid B. Ansari, Shahid Chamran University, Iran
	Title: Cardioprotective effect of low-level laser therapy in reperfusion injury in acute myocardial infarction in pigs Alex Blatt, Assaf Harofeh Medical Center, Israele
	Coffee Break 15:05-15:20
	Speaker opportunity available
	Award Ceremony
	Guidelines
	1. Each speaker presentation duration is 20 minutes and there will be 5 minutes discussion with the session chair and speakers
	2. Certification will be provided by the organizing committee
	3. Speakers are required to submit their PPT's at least before 1 week of the conference 4. All the abstracts will be published(with DOI) after the conference as a special issues in Journal of Stem Cell Research & Therapy

