Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences or OMICS Group will sponsor small events at your universities in related areas under the title of your own. These proposals can be sent to respective conference mail ids or to symposia@omicsonline.org.

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OMICS Group Conferences
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Email: celltherapy2014@omicsgroup.us
### Keynote Forum

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:30-09:35</td>
<td>Ivan N Rich, HemoGenix Inc., USA</td>
<td>Introduction</td>
</tr>
<tr>
<td>09:35-10:00</td>
<td>Paul L Hermonat, Central Arkansas Veterans Healthcare System, USA</td>
<td>Injection of encapsulated embryonic stem cells improves cardiac structure and function following myocardial infarction in the absence of tumor formation</td>
</tr>
<tr>
<td>10:00-10:25</td>
<td>Peter J Quesenberry, The Warren Alpert Medical School of Brown University, USA</td>
<td>Cell therapy patients with cardiomyopathy</td>
</tr>
<tr>
<td>10:25-10:50</td>
<td>Rafael Gonzalez, DaVinci Biosciences, LLC USA</td>
<td>Wound healing capacities of allogenic skin-derived stem cells in a large animal model</td>
</tr>
<tr>
<td>10:50-11:15</td>
<td>Denis Ivanov, Scientific Research Institute for New Medical Technologies, Russia</td>
<td>Dynamics of RNA string and hnRNP compactions</td>
</tr>
<tr>
<td>Lunch Break</td>
<td></td>
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</tr>
</tbody>
</table>

### Track 1: Plant Stem Cell Rejuvenation

- **Title:** The new genetics of adeno-associated virus
  - Speaker: Paul L Hermonat, Central Arkansas Veterans Healthcare System, USA

- **Title:** Injection of encapsulated embryonic stem cells improves cardiac structure and function following myocardial infarction in the absence of tumor formation
  - Speaker: Noah Weisleder, The Ohio State University, USA

- **Title:** Cell therapy patients with cardiomyopathy
  - Speaker: Denis Ivanov, Scientific Research Institute for New Medical Technologies, Russia

- **Title:** Wound healing capacities of allogenic skin-derived stem cells in a large animal model
  - Speaker: Jan H Spaas, Global Stem cell Technology, Belgium

- **Title:** Dynamics of RNA string and hnRNP compactions
  - Speaker: Tae Suk Ro-Choi, University College of Medicine, USA

### Track 2: Plant Stem Cells: Human Therapeutics

- **Title:** Retrograde salivary gland ductal delivery of the adenovirus-mediated NDRG2 gene, a potential therapeutic method for estrogen-deficient xerostomia
  - Speaker: Yan Li, The Fourth Military Medical University, China

- **Title:** An examination of the role of disulfide bond isomerase a protein in bacterial virulence
  - Speaker: Sonal Malhotra, University of Tennessee-Health Science Center, USA

- **Title:** Oxi1 mutant plays an important role in Arabidopsis resistance against aphid (Myzus persicae)
  - Speaker: Tahsin Shoala, Misr University for Science and Technology, Egypt

- **Title:** Population and family based association study on TPH1, TPH2 and ITGB3 genes indicate serotonergic system involvement in autism spectrum disorder
  - Speaker: Asem Surindro Singh, National Centre for Biological Sciences (NCBS), India

- **Title:** Co-regulation of Sirt1 and Pin1 contributes to UV A/B-induced skin photo ageing
  - Speaker: Hussain Mustatab Wahedi, Gachon University College of Pharmacy, South Korea

- **Title:** Fiber reinforced hydrogel scaffolds for heart valve tissue engineering
  - Speaker: Maryam Eslami, Harvard Medical School, USA

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**Group Photo**
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:05-16:25</td>
<td><strong>Title: Important multiple plant viruses present on vegetable crops in Kuwait</strong></td>
<td>Ebtesam M Al-Ali, Kuwait institute for scientific research, Kuwait</td>
</tr>
<tr>
<td>16:25-16:45</td>
<td><strong>Title: Genetic Susceptibility of HCV RNA and its genotypic distribution in the Punjab, Pakistan</strong></td>
<td>Ghazala Rubi, University of Health Sciences, Pakistan</td>
</tr>
<tr>
<td>16:45-17:15</td>
<td><strong>Title: Exploiting integrins in cancer management and diagnosis</strong></td>
<td>Paul J Davis, Albany Medical College, USA, Reinaldo Barros Geraldo, Federal Fluminense University, Brazil</td>
</tr>
<tr>
<td>17:15-17:45</td>
<td><strong>Title: Double targeting as an effective anti-cancer strategy</strong></td>
<td>Vladimir Pak, Novosibirsk Plant of Medical Preparations, Canada</td>
</tr>
<tr>
<td>18:30-19:30</td>
<td><strong>Cocktails sponsored by Journal of Stem Cell Research &amp; Therapy @ Atrium Riviera</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Track 4: Stem Cell Therapies</strong></td>
<td>Session Chair: Steven Gitt, The Phoenix Stem Cell Treatment Center, USA, Session Co-Chair: Rafael Gonzalez, DaVinci Biosciences, LLC USA</td>
<td></td>
</tr>
<tr>
<td>11:30-11:50</td>
<td><strong>Title: The application for the SB small stem cell</strong></td>
<td>James Wang, StemBios Technologies, Inc., USA</td>
</tr>
<tr>
<td>11:50-12:10</td>
<td><strong>Title: The safety and apparent clinical efficacy of autologous, adipose derived SVF as a biological surgical tool in a variety of injuries, illnesses, and conditions</strong></td>
<td>Steven Gitt, The Phoenix Stem Cell Treatment Center, USA</td>
</tr>
<tr>
<td>12:10-12:30</td>
<td><strong>Title: High quality reagents support stem cell expansion in a single use bioreactor</strong></td>
<td>Julie Murrell, Millipore Corporation, USA</td>
</tr>
<tr>
<td>12:30-12:50</td>
<td><strong>Title: Bone marrow mesenchymal stem cells increases survival after ionizing irradiation combined with wound trauma</strong></td>
<td>Juliann G Kiang, Uniformed Services University of The Health Sciences, USA</td>
</tr>
<tr>
<td>12:50-13:10</td>
<td><strong>Title: Bone marrow-stem cell therapy for hemophilia A disease</strong></td>
<td>Neelam Yadav, Albert Einstein College of Medicine, USA</td>
</tr>
<tr>
<td><strong>Lunch Break 13:10-13:50 @ Atrium</strong></td>
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<td></td>
</tr>
<tr>
<td>13:50-14:10</td>
<td><strong>Title: In vitro disease model of dry AMD</strong></td>
<td>Nady Golestaneh, Georgetown University Medical Center, USA</td>
</tr>
<tr>
<td>14:10-14:30</td>
<td><strong>Title: Treatment with mesenchymal stem cells (MSC) of lesions induced by accidental irradiation and radiotherapy</strong></td>
<td>Alain Chapel, Institut of Radiation and Nuclear safety, France</td>
</tr>
<tr>
<td>14:30-14:50</td>
<td><strong>Title: Therapeutic effects of mesenchymal stem cells for blast traumatic brain injury: Lessons from the in vitro model</strong></td>
<td>Aleksandra Glavaski-Joksimovic, Medical College of Wisconsin, USA</td>
</tr>
<tr>
<td>14:50-15:10</td>
<td><strong>Title: Evidence for a critical role of catecholamines for cardiomyocyte lineage commitment in murine embryonic stem cells</strong></td>
<td>Martin Lehmann, University of Cologne, Germany</td>
</tr>
<tr>
<td>15:10-15:30</td>
<td><strong>Title: Development of a new third party unit for adult stem cell transplantation using clinical grade rejected cord blood units</strong></td>
<td>Linda Peltier, McGill University, Canada</td>
</tr>
<tr>
<td>15:30-15:50</td>
<td><strong>Title: Different regenerative strategies for the treatment of degenerative joint disease in a large animal model</strong></td>
<td>Jan H Spaas, Global Stem cell Technology, Belgium</td>
</tr>
<tr>
<td><strong>Coffee Break 15:50-16:05 @ Atrium</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16:05-16:25</td>
<td><strong>Title: Utility of autologus bone marrow stem cells for treatment of chronic leg ulcer</strong></td>
<td>Said M Abdou, Tanta university hospital, Egypt</td>
</tr>
<tr>
<td>16:25-16:45</td>
<td><strong>Title: Mesenchymal Stem Cell (MSC) therapy for the treatment of severe and chronic radiotherapy-induced abdomino-pelvic complications refractory to standard therapy</strong></td>
<td>Benoit Usunier, Institute of Radio Protection and Nuclear Safety, France</td>
</tr>
<tr>
<td>16:45-17:05</td>
<td><strong>Title: How to maximize the success of stem cells autograft-170 cases of adult autologous stem cell transplantation</strong></td>
<td>Nassim Abi Chahine, The Lebanese-Canadian Hospital, Lebanon</td>
</tr>
</tbody>
</table>
**Workshop on**

**Title: The role of reactive oxygen species in plant immunity and susceptibility**
*Tahsin Shoala*, Misr University for Science and Technology, Egypt

**18:30-19:30**
*Cocktails sponsored by Journal of Stem Cell Research & Therapy @ Atrium*

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**Day 2        October 28, 2014**
**FLAMINGO-Ball Room**

### **Keynote Forum**

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00-09:25</td>
<td>Paul J Davis</td>
<td>Albany Medical College, USA</td>
</tr>
<tr>
<td>09:25-09:50</td>
<td>Stephen Lin</td>
<td>Thermo Fisher Scientific, USA</td>
</tr>
</tbody>
</table>

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### **Track 5: Cellular Therapies**

**Session Chairs:** Johan Hyllner, Cell Therapy Catapult, UK  
Yavuz Cakir, Benedict College, USA  
**Session Co-Chair:** Shivdas Nanaware, D. Y. Patil University, India

<table>
<thead>
<tr>
<th>Time</th>
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<th>Speaker</th>
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</tr>
</thead>
<tbody>
<tr>
<td>09:50-10:10</td>
<td>The mitochondria and reactive oxygen species on the disease formation and prevention</td>
<td>Yavuz Cakir</td>
<td>Benedict College, USA</td>
</tr>
<tr>
<td>10:10-10:20</td>
<td>Platelet cell based therapy: An excellent wound healing medicine</td>
<td>Shivdas Nanaware</td>
<td>D. Y. Patil University, India</td>
</tr>
<tr>
<td>10:20-10:40</td>
<td>Genetic transformation of cells</td>
<td>Ana Leonor Rivera</td>
<td>National Autonomous University of Mexico, Mexico</td>
</tr>
<tr>
<td>10:40-11:00</td>
<td>Epigenetics in glioma</td>
<td>Moritz C Oberstadt</td>
<td>Ernst Moritz Arndt University of Greifswald, Germany</td>
</tr>
</tbody>
</table>

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### **Group Photo**

- **Session Chairs:** Johan Hyllner, Cell Therapy Catapult, UK  
- **Session Co-Chair:** Shivdas Nanaware, D. Y. Patil University, India

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### **Coffee Break 11:00-11:15 @ Atrium**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:15-11:35</td>
<td>Cord blood derived unrestricted somatic stem cells ameliorate experimentally induced chronic liver fibrosis</td>
<td>Hanan Gamal El Baz</td>
<td>Theodor Bilharz Research Institute, Egypt</td>
</tr>
<tr>
<td>11:35-11:55</td>
<td>Therapeutic potential of mesenchymal stem cells co-transplanted with pancreatic islets for the treatment of type-1 diabetes</td>
<td>Arianna Scuteri</td>
<td>University of Milan-Bicocca, Italy</td>
</tr>
<tr>
<td>11:55-12:15</td>
<td>Selective radiotherapy through liposomes containing 159Gd radioisotope in mice: a pioneer in vivo study</td>
<td>Daniel Cristian Ferreira Soares</td>
<td>Federal University of Itajuba, Brazil</td>
</tr>
<tr>
<td>12:15-12:35</td>
<td>BDH2 is a poor novel independent maker in CN-AML</td>
<td>Wen-Chi Yang</td>
<td>Yuan's General Hospital, Taiwan</td>
</tr>
<tr>
<td>12:35-12:55</td>
<td>Cell based therapies on acute and chronic liver failures: Distinct disease, different choice</td>
<td>Lixin Wei</td>
<td>Tumor Immunology and Gene Therapy Center, China</td>
</tr>
</tbody>
</table>

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### **Lunch Break 12:55-13:35 @ Atrium**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:35-13:55</td>
<td>Growing a cell therapy industry: Opportunities and challenges</td>
<td>Johan Hyllner</td>
<td>Cell Therapy Catapult, UK</td>
</tr>
<tr>
<td>13:55-14:15</td>
<td>Uses of mesenchymal stem cell in cases of retinitis pigmentosa</td>
<td>Abdelhakim Mohamed Safwat</td>
<td>Al-Azhar University, Egypt</td>
</tr>
<tr>
<td>14:15-14:35</td>
<td>Mesenchymal stem cells to repair vascular damage after chemotherapy: Past, present and future</td>
<td>Sulaiman Al-Hashmi</td>
<td>Sultan Qaboos University, Oman</td>
</tr>
<tr>
<td>14:35-14:55</td>
<td>Intracoronary infusion of a very primitive population of mesenchymal stem cells in acute myocardial infarction: A randomized, double-blind, placebo controlled, multicenter trial</td>
<td>Lian Ru Gao</td>
<td>Navy General Hospital, China</td>
</tr>
<tr>
<td>14:55-15:25</td>
<td>Biophysical methods for cellular genetic transformation</td>
<td>Ana Leonor Rivera</td>
<td>National Autonomous University of Mexico, Mexico</td>
</tr>
</tbody>
</table>

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### **Coffee Break 15:25-15:40 @ Atrium**
### Track 6: Advanced Gene Therapeutics

**Session Chair:** Stephen Lin, Thermo Fisher Scientific, USA  
**Session Co-Chair:** Wilhelm Engstrom, Swedish University of Agricultural Sciences, Sweden

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution/University</th>
</tr>
</thead>
<tbody>
<tr>
<td>15:40-16:00</td>
<td>Epigenetic regulation of the Igf2/H19 gene cluster - Prospects for novel therapeutic traits</td>
<td>Wilhelm Engstrom</td>
<td>Swedish University of Agricultural Sciences, Sweden</td>
</tr>
<tr>
<td>15:40-16:00</td>
<td>Tryptophan hydroxylase gene involvement in the serotonin abnormality of autism spectrum disorders: A genetic and genotype-phenotype correlation study</td>
<td>Asem Surindro Singh</td>
<td>National Centre for Biological Sciences (NCBS), India</td>
</tr>
<tr>
<td>16:20-16:40</td>
<td>Natural compound derived Z-ajoene decreases NOTCH signaling in U87-derived Glioblastoma cancer stem cell</td>
<td>Yu-Chae Jung</td>
<td>Sookmyung Women’s University, Republic of Korea</td>
</tr>
<tr>
<td>16:40-17:00</td>
<td>Bacteria-mediated expression of cargo drugs and reporter gene for cancer-specific theranostics</td>
<td>Jung-Joon Min</td>
<td>Chonnam University Medical School, Republic of Korea</td>
</tr>
</tbody>
</table>

### Track 7: Immunotherapy

**Session Chair:** Farid Menaa, Fluorotronics Inc., USA  
**Session Co-Chair:** Gargi D Basu, Caris Life Sciences, USA

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution/University</th>
</tr>
</thead>
<tbody>
<tr>
<td>17:00-17:20</td>
<td>Tumor necrosis factor-α/CD40 ligand-engineered mesenchymal stem cells: Toward the development of a new anti-cancer vaccine</td>
<td>Farid Menaa</td>
<td>Fluorotronics Inc., USA</td>
</tr>
<tr>
<td>17:20-17:40</td>
<td>Expression of novel immunotherapeutic targets in triple negative breast cancer patients</td>
<td>Gargi D Basu</td>
<td>Caris Life Sciences, USA</td>
</tr>
<tr>
<td>17:40-18:00</td>
<td>Generation of robust immunity following DNA vaccine immunization enhanced by intradermal electroporation</td>
<td>Trevor R F Smith</td>
<td>Inovio Pharmaceuticals, USA</td>
</tr>
<tr>
<td>18:00-18:20</td>
<td>Targeting energy metabolism in breast cancer: Implications for cancer immunotherapy</td>
<td>Shanmugasundaram Ganapathy Kanniappan</td>
<td>Johns Hopkins University School of Medicine, USA</td>
</tr>
<tr>
<td>18:20-18:45</td>
<td>Nanoparticle-based targeting of integrin αvβ3: Potential cancer and inflammation management and diagnosis</td>
<td>Paul J Davis</td>
<td>Albany Medical College, USA</td>
</tr>
</tbody>
</table>

18:30-19:30 Cocktails sponsored by Journal of Genetic Syndromes & Gene Therapy @ Atrium Riviera

### Track 8: Cancer Therapies

**Session Chair:** John A Barrett, Ziopharm Oncology, USA  
**Session Co-Chair:** Gary P Schroth, Illumina, USA

<table>
<thead>
<tr>
<th>Time</th>
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<th>Institution/University</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:50-10:10</td>
<td>Next generation tools for gene expression profiling and gene fusion detection in tumor samples</td>
<td>Gary P Schroth</td>
<td>Illumina, USA</td>
</tr>
<tr>
<td>10:10-10:30</td>
<td>Development of Sphingosine Kinase Inhibitors for Cancer Therapy</td>
<td>Zuping Xia</td>
<td>Washington State University, USA</td>
</tr>
<tr>
<td>10:30-10:50</td>
<td>Localized regulated expression of IL-12 as a gene therapy approach to cancer immunotherapy</td>
<td>John A Barrett</td>
<td>Ziopharm Oncology, USA</td>
</tr>
</tbody>
</table>

Coffee Break 10:50-11:05 @ Atrium

11:05-11:25 Anticancer activity of 10456A extracts  
Samson Sitheni Mashele, Central University of Technology, South Africa

11:25-11:45 Potential of small molecule inducers in cell-based therapeutics  
Qiao Li, University of Ottawa, Canada

11:45-12:05 Metformin targets mammary/cancer stem cells in breast cancer prevention and treatment  
Xiaohu Yang, North Carolina Central University, USA

12:05-12:25 Teratogens against cancer  
Vladimir Pak, Novosibirsk Plant of Medical preparations, Canada

12:25-12:45 ALDHhigh/CD44 putative cancer stem cell population as therapeutic target in malignant pleural mesothelioma  
Lourdes Cortes-Dericks, University of Hamburg, Germany

12:45-13:05 Photodynamic therapy of tumors (PDT)  
Mohamed El-Far, University of Mansoura, Egypt

Lunch Break 13:05-13:45 @ Atrium
Title: H NMR-derived serum metabolomics of oral carcinoma: A probative discriminate analysis classification model
Shalini Gupta, King George’s Medical University, India

Title: Liver cancer stem cells related- micrornas; biomarkers for diagnosis, prognosis and therapy of hepatocellular carcinoma
Hamed Hemati Chahardeh, Institute of Liver and Biliary Sciences, India

Title: MiRNA 92a promotes the proliferation and migration of human neuroblastoma cells via TrkA protein downregulation
Suqin Tang, PLA General Hospital, China

Title: Post-transcriptional regulation of the tissue inhibitor of metalloproteinase-3 gene
Yue Zhang, Shenyang Medical College, Tsinghua University, China

Title: Epidermal growth factor-receptor activation modulates Src-dependent resistance to lapatinib in breast cancer models
Lucia Nappi, University of Naples, Italy

Coffee Break 15:25-15:40 @ Atrium

Title: Identification of differentially expressed genes in human lung adenocarcinoma: ERGIC3 as a novel lung cancer-related gene
Mingsong Wu, Zunyi Medical University, China

Title: Role of beta tubulin in leukemia progression
Syed Faizan Raza, Nottingham Trent University, UK

Title: Allogeneic hematopoietic cell transplantation for solid tumors
Alaaudeen Mudhafar Zubair Alqasim, Al-Mustansiriya University, Iraq

Title: Impact of intracerebrally implanted Cx30 transfected C6 cells in mediating glial tumorigenicity in rats
Vanisree A Janardhanam, University of Madras, India

Title: Triple negative breast cancer (TNBC), the surgeons and physicians dilemma in Pakistan
Afsheen Arif, University of Karachi, Pakistan

Title: Gastrointestinal stromal tumor (GIST) of the adrenal gland responding markedly to imatinib: A rare case report
Haya Azouz, Alfausal University, Saudi Arabia

Title: Generation of a biologically and mechanically suitable3D structure for Heart Valve Tissue Engineering?
Maryam Eslami, Harvard Medical School, USA

18:30-19:30 Cocktails sponsored by Journal of Genetic Syndromes & Gene Therapy @ Atrium

Day 3 October 29, 2014
FLAMINGO-Ball Room

Workshop
09:00-09:30 Title: Flow cytometry for cellular therapy laboratory
Vasiliki E Kalodimou, IASO Maternity Hospital, Greece

Track 9: Nano-Therapy
Session Chair: Paul J Davis, Albany Medical College, USA
Session Co-Chair: Vladimir Torchilin, Northeastern University, USA

Session Introduction

Title: Nanotetra targets the thyroid hormone receptor on integrin αvβ3 on tumor cells to promote apoptosis, disorder cell defense pathways and block angiogenesis
Paul J Davis, Albany Medical College, USA

Title: Stimuli-sensitive combination nanopreparations of siRNA and chemotherapeutic drugs to treat multigist resistant cancer
Vladimir Torchilin, Northeastern University, USA

Title: Advanced RNA synthesis as a key tool in RNA biology research
Andrei Laikhter, Bio-Synthesis, Inc., USA

Title: Targeted and efficient delivery of RNAi agents using gold nanoparticles
Vinod Jagannathrao Mokale, North Maharashtra University, India

Coffee Break 10:50-11:05 @ Atrium

Title: The differentiation potential of human cord blood unrestricted somatic stem cells into hepatocyte-like cells on 3-dimensional nanofibres
Zeinab demerdash, Theodor Bilharz Research Institute, Egypt
11:25-11:45 Title: Environment: A key role player in predisposition to disorders at macro and microscale  
Archana Swami, Harvard School of Public Health, USA  
Workshop

11:45-12:15 Title: Proximity Ligation Assays, A Method For Ultra Sensitive Protein Detection structure for Heart Valve Tissue Engineering?  
Stephen Lin, Thermo Fisher Scientific, USA

Track 10: Bioengineering Therapeutics  
Session Chair: Vasiliki E. Kalodimou, IASO Maternity Hospital, Greece  
Session Introduction

12:15-12:35 Title: Key regulatory junctions stabilizing the osteoblast phenotype: Implications for cell and tissue engineering  
Jan O Gordeladze, University of Oslo, Norway

12:35-12:55 Title: The effects of infused mesenchymal stem cells obtained by adipose tissue (ADSCs) to treat chronic scar tissue of the vocal cords in an animal model  
Vasiliki E Kalodimou, IASO Maternity Hospital, Greece

12:55-13:15 Title: Engineering of cytochrome P450 monooxygenases-based novel inhibitors against Mycobacterium tuberculosis  
Syed Khajamohiddin, Central University of Technology South Africa

Lunch Break 13:15-13:45 @ Atrium

13:45-14:05 Title: The effect of perfluorocarbon therapy in Streptococcus pneumonia infected sickle cell mouse  
Nawal Helmi, University of Leicester, UK

14:05-14:25 Title: Looking for β3 integrin family selectivity: The use of snake venom disintegrin as a tool for molecular modeling approach  
Reinaldo Barros Geraldo, Federal Fluminense University, Brazil

14:25-14:45 Title: Differentiation of mouse embryonic stem cell into elongated spermatid cells  
Seyedmehdi Nourashrafeddin, Tehran University of Medical Science, Iran

Track 11: Clinical Trials and Research in Cell & Gene Therapies  
Track 12: Regulatory & Ethical Issues of Therapies  
Session Chair: Vikas Kundra, MD Anderson Cancer Center, USA  
Session Introduction

14:45-15:05 Title: Translatable human SSTR2-based reporters for imaging gene expression  
Vikas Kundra, MD Anderson Cancer Center, USA

15:05-15:25 Implications for new business models  
Nicholas Medcalf, Loughborough University, UK

Coffee Break 15:25-15:40 @ Atrium

15:40-16:00 Title: Pros and cons of protein manufacturing for cell therapy  
Anelia Atanassova, BioGlobaX Inc., Canada

16:00-16:20 Title: The benefit of palm tocotrienols in personal care products  
Zahariah Ismail, Sime Darby Research, Malaysia

16:20-16:40 Title: Direct conversion of pluripotent human embryonic stem cells into functional human neuronal or cardiomyocyte cell therapy derivatives for regenerative medicine  
Xuejun H Parsons, San Diego Regenerative Medicine Institute & Xcelthera, USA

16:40-17:00 Title: Repeated injection of autologous mesenchymal stem cells in patients with knee osteoarthritis: Randomized double blind clinical trial royan institute (RIMRO-Trial)  
Nasser Aghdami, Royan Institute for Stem Cell Biology and Technology, Iran

17:00-17:20 Title: Identification and pattern analysis of SNPs involved in colorectal cancer  
Jyoti Bhojwani, Indore University, India

17:20-17:40 Title: Serum-free expansion, harvest and preservation of mesenchymal stem cells from a scalable microcarrier process  
Thomas R J Heathman, Centre for Biological Engineering, Loughborough University, UK

17:40-18:00 Title: Targeted and efficient delivery of RNAi agents using gold nanoparticles  
Ferhat Ozturk, Canik Basari University, Turkey

18:30-19:30 Cocktails sponsored by Journal of Cell Science & Therapy @ Atrium
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  5. Engineering
  6. Environmental Sciences
  7. Life Sciences
  8. Management
  9. Medical Sciences
  10. Pharmaceutical Sciences

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  2. Biosafety Guidelines for Agriculture, Animal Research, Chemistry, Medicine, Cell Culture, Cosmetics, Pharmaceuticals, Ergonomics etc.

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Scholars Central was initiated to be the knowledge mirror of the technological advancements around the globe. Scholars Central stands out in the competitive marketplace because of the quality standards and innovative offerings to its readers at one place. Apart from international quality articles and research papers, Scholars Central also portrays a wide range of other science centric features such as Conferences, Funding Agencies and News updates which cater to the academic community at large.

Scholars Central will explicitly act like a Science Search Engine which will provide absolute information as well as updates on Scientific Events and Research front.

SCIENCES Blog

SCIENCES Blog consists of world class science articles, latest science facts which cover the entire spectra of science. Sciences blog and research blog are so closely intertwined so that all facts related to research finds a place in this study blog.

Utilization of science blog will have a significant impact in increasing the knowledge and application of the same.

Bookmark your dates

4th International Conference and Exhibition on Cell & Gene Therapy

August 10-12, 2015, London, UK