

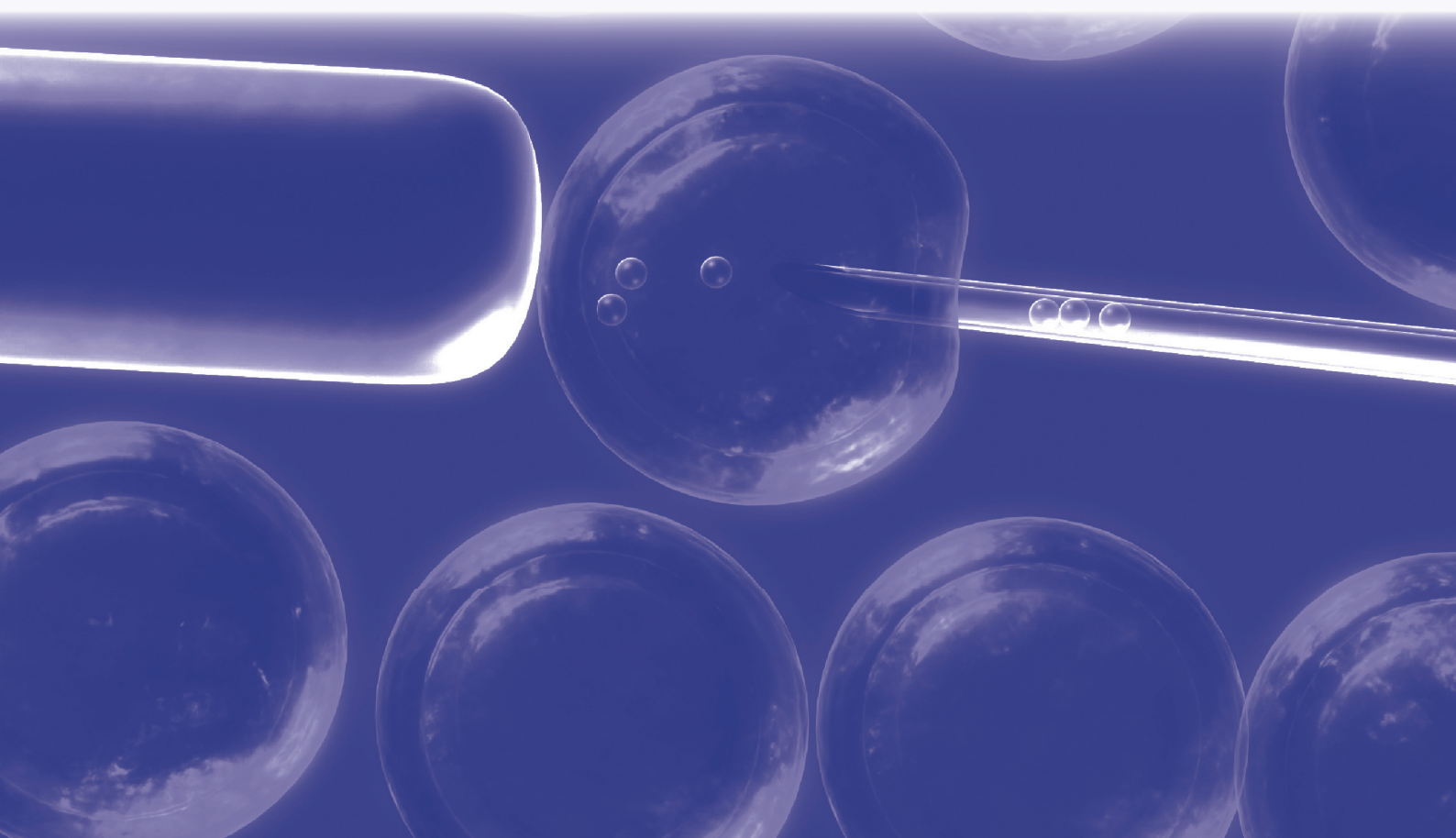
Scientific Program



International Conference on

Emerging Cell Therapies

October 1-3, 2012 DoubleTree by Hilton Chicago-North Shore, USA



Exhibitor



“Organize your Events at OMICS Group Conferences”

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

OMICS Group Conferences

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9:00-09:30

Opening Ceremony

Keynote Forum

09:30-09:35 Introduction

09:35-10:00 **Ivan N Rich**

HemoGenix Inc., USA

10:00-10:25 **Kurt C Gunter**

International Society for Cellular Therapy, Canada

Coffee Break 10:25-10:40

10:40-11:05 **Lee Buckler**

Cell Therapy Group, USA

11:05-11:30 **Tarek El-Bialy**

University of Alberta, Canada

Track 1 Cell Therapy Potential Applications
 Track 2(i) Molecular basis of pluripotency
 Track 2(ii) Bone marrow stem cells as therapy
 Track 2(iii) Current views of the embryonic and neural stem cells

11:30-11:50 **Title: Use of a reporter iPS cell line to generate RPE tissues****Kapil Bharti**, National Institutes of Health, USA11:50-12:10 **Title: Novel integrative nuclear signaling module for neuronal development and regenerative medicine****Michal K. Stachowiak**, State University of New York, USA12:10-12:30 **Title: Neuroprotection : One cell at a time****Brian Sims**, University of Alabama, USA

Lunch Break 12:30-13:15

13:15-13:35 **Title: Advances in stem cell technology - hESC-derived beta-cells as a source for diabetes therapy****Christian X. Andersson**, Cellectis Stem Cells, Sweden13:35-13:55 **Title: Telocytes & stem cells: An emerging cardiac cell therapy****Laurentiu M. Popescu**, National Institute of Pathology, Romania13:55-14:15 **Title: Translational development of enhanced potency cellular therapies****Madhusudan V. Peshwa**, MaxCyte Inc., USA14:15-14:35 **Title: Adoptive cell therapy of cancer and autoimmune diseases employing genetically T cells with redirected antibody specificity****Zelig Eshhar**, The Weizmann Institute, Israel14:35-14:55 **Title: Stem cell-based therapy for dry AMD****Nady Golestaneh**, Georgetown University Medical Center, USA14:55-15:15 **Title: Small molecule lineage-specification of pluripotent human embryonic stem cells and its implication for the future of stem cell therapy****Xuejun H. Parsons**, San Diego Regenerative Medicine Institute & Xcelthera, USA15:15-15:35 **Title: PPAR γ in vascular smooth muscle cells counteracts LRP1-induced vascular calcification by inhibiting a WNT5a signaling pathway****Philippe Boucher**, University of Strasbourg, France

Coffee Break 15:35-15:50

15:50-16:10 **Title: Modulation of microRNA/RNAi pathway****Yujing Li**, Emory University School of Medicine, USA

16:10-16:30	Title: Towards in situ photoreceptor replacement in the mammalian eye Shu-Zhen Wang , University of Alabama, USA
16:30-16:50	Title: Necrosis-associated factors (DAMPs) like S100A4 used to pulse dendritic cells (DCs) enhance the proliferative lymphocyte response Ramin Lotfi , University Hospital Ulm, Germany
16:50-17:10	Title: A friedreich's ataxia neuronal cell model with evidence of oxidative stress-mediated neurodegeneration Barbara Carletti , Children's Hospital Bambino Gesù, Italy
17:10-17:30	Title: Association between RANTES gene -28C/G polymorphism and allergic diseases among Egyptian children Yousri M. Hussein , Zagazig University, Egypt
17:30-17:50	Title: The mucosal immune response to plant-derived biopharmaceuticals Kathleen L. Hefferon , University of Toronto, Canada
17:50-18:10	Title: Glycans in dendritic cells function and cancer progression Videira P. A. , Universidade Nova de Lisboa, Portugal
18:10-18:30	Title: Study on association of poor metabolizer for cytochrome P 450 2C9 in head and neck cancer and treatment response (chemoradiotherapy) Sayan Paul , Tata Memorial Hospital, India
18:30-18:50	Title: Polyfunctional Mycobacterium tuberculosis-specific effector memory CD4+ T cells at sites of pleural TB Laila Eln Fenniri , National Institute of Hygiene, Morocco

Panel Discussion

Berlin

Track 2(iv) Stem cell therapy for genetic disorders	
Track 2(v) Targeting stem cells for therapeutic benefits	
Track 2(vi) Transplantation technologies in stem cell therapy	
Track 3 Cellular Therapies	
11:30-11:50	Title: Differentiation of CD34+ cells using small activating RNA targeting the islet β-cell transcriptional factor MafA Nagy A. Habib , Imperial College London, UK
11:50-12:10	Title: Leveraging natural compounds for network based anti-cancer medicine of oral cancer therapy Prakash S Bisen , Jiwaji University, India
12:10-12:30	Title: Translating the p53 pathway into drug discovery Hua Lu , Tulane Cancer Center, USA

Lunch Break 12:30-13:15

13:15-13:35	Title: Histopathological changes in male wistar rats maintained on a water-based Sutherlandia frutescens extract Nicolas Wickens , Nelson Mandela University, South Africa
13:35-13:55	Title: Direct reprogramming of human astrocytes to dopaminergic neurons Russell C. Addis , University of Pennsylvania, USA
13:55-14:15	Title: Do mesenchymal stem cells and other similar adult stem cells home to tumors where they favor tumor growth: If so, can we use them in clinical trials safely? Frank C Marini , MD Anderson Cancer Center, USA
14:15-14:35	Title: Therapeutic potential of naive and genetically modified mesenchymal stem cells for traumatic brain injury Aleksandra Glavaski-Joksimovic , Medical College of Wisconsin, USA
14:35-14:55	Title: Hypoxia promotes satellite cell self-renewal and enhances the efficiency of myoblast transplantation Shihuan Kuang , Purdue University, USA
14:55-15:15	Title: TNIIA2, a Tenascin-C-derived peptide, modulates tumor cell survival, proliferation and differentiation: Implication of β 1-integrin activation in cell regulation Takuya Iyoda , Tokyo University of Science, Japan
15:15-15:35	Title: Development of new strategies for non-viral gene delivery: Exploring the microtubule retrograde transport Adriano R. Azzoni , University of Sao Paulo, Brazil

Coffee Break 15:35-15:50

15:50-16:10	Title: Precision genome editing with engineered nucleases Jin-Soo Kim , Seoul National University, South Korea
16:10-16:30	Title: Tissue engineering approach to cell delivery Deepa Ghosh , Reliance Life Sciences, India
16:30-16:50	Title: Potential of hematopoietic stem cells for skin regeneration in resistant burn wound Manal Eid , Tanta University, Egypt
16:50-17:10	Title: Development of bioactive small molecules for controlling mesenchymal stem cells fate Michel N. Mifundu , Kyoto University, Japan
17:10-17:30	Title: Mechanism and prevention of tau oligomer toxicity in alzheimer's disease Kristina R. Patterson , Northwestern University, USA

- 17:30-17:50 **Title: Molecular basis of epigenetic inheritance**
Fei Li, New York University, USA
- 17:50-18:10 **Title: Autologous BM- Derived MSC therapy in cerebral palsy: A pilot study**
Hala Gabr, University of Cairo, Egypt

Panel Discussion

Cocktails - Sponsored by Journal of Cell Science & Therapy

18:50-19:50

Day 2 October 2, 2012

Vienna

Track 4 Cancer Therapies

Session Introduction

- 09:00-09:20 **Title: Cells as delivery vehicles for anti-cancer therapeutics**
Deryl Troyer, Kansas State University, USA
- 09:20-09:40 **Title: Oral administration of Fe-blF loaded nanocapsules for colon cancer therapy**
Jagat Kanwar, Deakin University, Australia
- 09:40-10:00 **Title: Protein kinase braf inhibitors as targeted therapy for border line epithelial ovarian tumors**
Samir A. Farghaly, The Weill Medical College of Cornell University, USA
- 10:00-10:20 **Title: Targeted alpha therapy for cancer & the use of radioisotopes**
Graeme Melville, St. George Hospital, Australia
- 10:20-10:40 **Title: Bcl-2 antagonists: Targeted therapeutics in chronic lymphocytic leukemia**
Kumudha Balakrishnan, MD Anderson Cancer Center, USA

Coffee Break 10:40-10:55

- 10:55-11:15 **Title: Use of zebrafish embryos to elucidate and target disease mechanisms in vivo**
Jan de Sonnevile, Life Science Methods B.V., Netherlands
- 11:15-11:35 **Title: Benign diffuse gastric mucosal disease: Generic and content challenges**
Hassan Fadlalla Ahmed Ali, St. Mary's University of MN, USA
- 11:35-11:55 **Title: Racial disparities in hexokinase 2 (HK2) expression in hepatocellular carcinoma (HCC)**
Grace Guzman, University of Illinois, USA
- 11:55-12:15 **Title: FOXP3 expression during the development of a murine melanoma**
Moises Armides Franco Molina, Universidad Autonoma de Nuevo Leon, Mexico
- 12:15-12:35 **Title: Impact of DAMPs, and specifically HMGB1, on the biology of mesenchymal stromal cells within injured/necrotic tissue**
Ramin Lotfi, University Hospital Ulm, Germany

Lunch Break 12:35-13:20

- 13:20-13:40 **Title: Investigation of shikonin as a novel scar remediation therapy**
Yan Xie, Ningxia Medical University, China
- 13:40-14:00 **Title: Quinuclidinone derivatives induced apoptosis in human breast cancer cells via sphingomyelinase and JNK signaling**
Ahmed Malki, Alexandria University, Egypt
- 14:00-14:20 **Title: Safety and efficacy of repeated infusions of Celyvir in children with metastatic neuroblastoma**
Esther Rincon, University of Chicago, USA
- 14:20-14:40 **Title: Differential antiproliferative properties of 17 β -estradiol analog in combination with dichloroacetic acid on human breast cancer MCF-7 and non-tumorigenic MCF-12A cells**
Xiao Xing Stander, University of Pretoria, South Africa
- 14:40-15:00 **Title: Adoptive cell therapy of autoimmune diseases employing genetically T regulatory cells with redirected antibody specificity**
Zelig Eshhar, The Weizmann Institute, Israel

Track 5 Clinical Trials & Research in Cell Therapies

Track 6 Nanoremedies

Session Introduction

- 15:00-15:20 **Title: Embryonic vs. Induced pluripotent stem cells: Considerations for clinical applications**
Vasil Galat, Northwestern University, USA
- 15:20-15:40 **Title: New generations improved detection via nano microfluidics-based devices and nanodelivery to colon cancer therapy**
Jagat Kanwar, Deakin University, Australia

Coffee Break 15:40-15:55

- 15:55-16:15 **Title: Developing cell therapy products for commercial use**
Kristin Comella, Bioheart Inc., USA

- 16:15-16:35** **Title: Autologous cord blood infusions for the treatment of pediatric neurological conditions**
David T. Harris, Cord Blood Registry Inc., USA
- 16:35-16:55** **Title: Clinical development of multistem® for treatment of CNS injury and disease**
Robert W. Mays, Athersys Inc., USA
- 16:55-17:15** **Title: Iron-containing nanoparticles for cell-mediated hyperthermia**
Stefan H. Bossmann, Kansas State University, USA
- 17:15-17:35** **Title: Repair of critical-sized cartilage defects with engineered constructs generated without cell expansion**
Stephen D. Waldman, Queen's University, Canada
- 17:35-17:55** **Title: A structural and dynamical model of human telomerase**
Samuel Coulbourn Flores, Uppsala University, Sweden
- 17:55-18:15** **Title: Preclinical experience and perspectives of a clinical trial using cd133 stem cells**
Torrente Y, Universita degli Studi di Milano, Italy
- 18:15-18:35** **Title: Selective photodynamic therapy based on aggregation-induced emission enhancement two-photon absorbing nanoparticles**
Cheng-Chung Chang, National Chung Hsing University, Taiwan
- 18:35-18:55** **Title: Long term follow-up of intracoronary delivery of autologous bone marrow mononuclear cells in acute myocardial infarction with no evidence of reperfusion**
Hala Gabr, University of Cairo, Egypt

Panel Discussion

16:00-17:30 Poster Presentations

Berlin

Cocktails- Sponsored by Journal of Cell & Developmental Biology

19:00-20:00

Day 3

October 3, 2012

Vienna

Track 7 Bioengineering in Cell Therapy

Track 8 Regulatory & Ethical Issues of Cell Therapy

Track 9 Current & Future Perspectives on Cell Therapy

- 09:00-09:20** **Title: Potential therapies for muscular dystrophy**
Morayma Reyes, University of Washington, USA
- 09:20-09:40** **Title: Risk reduction in cell therapy**
Randy Yerden, BioSpherix Ltd., USA
- 09:40-10:00** **Title: Automated microinjection of cell-polymer suspensions in 3D ECM scaffolds for high-throughput quantitative cancer invasion screens**
Jan de Sonnevile, Life Science Methods B.V., Netherlands
- 10:00-10:20** **Title: Technical challenges to track in vivo therapeutic cells with imaging**
Claire Billotey, Jean Monnet's University, France

Coffee Break 10:20-10:35

Editorial Board Meeting

Lunch Break 12:00-12:45

Bookmark your dates



2nd International Conference on

Emerging Cell Therapies

August 12-14, 2013 North Carolina USA

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DoubleTree by Hilton Chicago - Northshore, USA



World Congress on
Forensic Research & Technology
October 15-17, 2012
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Materials Science & Engineering
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October 22-24, 2012
DoubleTree by Hilton Chicago - Northshore, USA



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October 22-24, 2012
DoubleTree by Hilton Chicago - Northshore, USA



International Conference on
Pulmonary & Respiratory Medicine
October 29-31, 2012
DoubleTree by Hilton Philadelphia, USA



International Conference and Exhibition on
Computer Aided Drug Design & QSAR
October 29-31, 2012
DoubleTree by Hilton Chicago-Northshore, USA



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November 12-14, 2012
Hilton San Antonio Airport, USA



2nd World Congress on
Cell Science & Stem Cell Research
November 12-14, 2012
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International Conference on
Clinical Microbiology & Microbial Genomics
November 12-14, 2012
Hilton San Antonio Airport, USA



Global Biofuels & Bioproduct Summit
November 19-21, 2012
Hilton San Antonio Airport, USA



International Conference and Exhibition on
Probiotics
November 19-21, 2012
Hilton San Antonio Airport, USA



International Conference on
Genetic Syndromes & Gene Therapy
November 19-21, 2012
Hilton San Antonio Airport, USA



3rd International Conference and Exhibition on
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November 22-24, 2012
Hyderabad International Convention Center, India



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November 22-24, 2012
Hyderabad International Convention Center, India



2nd International Conference and Exhibition on
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November 23-24, 2012
Hyderabad International Convention Center, India



International Conference and Exhibition on
Cosmetology & Cosmetics
November 23-24, 2012
Hyderabad International Convention Center, India



International Conference on
Hair Transplantation & Trichology
November 26-28, 2012
Hilton San Antonio Airport, USA



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Anesthesia & Perioperative Care
November 26 - 28, 2012
Hilton San Antonio Airport, USA



International
Toxicology Summit and Expo
November 26-28, 2012
Hilton San Antonio Airport, USA



International Conference and Exhibition on
Surgery & Transplantation
November 26-28, 2012
Hilton San Antonio Airport, USA



2nd International Conference on
Nanotek and Expo
December 3-5, 2012
DoubleTree by Hilton Philadelphia Center City, USA



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December 3-5, 2012
DoubleTree by Hilton Philadelphia Center City, USA



International Conference on
QC, QA and Validation
December 3-5, 2012
DoubleTree by Hilton Philadelphia Center City, USA



International Conference on
Obesity & Weight Management
December 3-5, 2012
DoubleTree by Hilton Philadelphia, USA

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