

Annual Summit on

# CELL SIGNALING, CELL THERAPY AND CANCER THERAPEUTICS

September 27-28, 2017 Chicago, USA

## Moderators

Thank You for supporting Cell Therapy & Molecular Medicine 2017



**Jianhua Luo**  
University of  
Pittsburgh, USA



**Li Zhang**  
University of Texas at  
Dallas, USA

### Conference Series - America

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Vienna

conference**series.com**

08:30-08:55

# Opening Ceremony

## Keynote Forum

- 08:55-09:00** Introduction
- 09:00-09:25** Title: **Heme and mitochondrial function in non-small cell lung cancer**  
**Li Zhang**, The University of Texas at Dallas, USA
- 09:25-09:50** Title: **Novel ectopic signaling of MAN2A1-FER fusion protein**  
**Jianhua Luo**, University of Pittsburgh School of Medicine, USA
- 09:50-10:15** Title: **15-lipoxygenases and their metabolites as biomarkers for the early detection of smoking-induced non-small cell lung cancer**  
**George G Chen**, The Chinese University of Hong Kong, China

## Workshop

- 10:15-10:35** Title: **Role of FOXA1 in prostate cancer and therapeutic resistance**  
**Jindan Yu**, Northwestern University, USA
- 10:35-10:55** Title: **Functional and mechanistic analysis of LncRNAs in lung cancer**  
**Guoan Chen**, University of Michigan Health System, USA

## Panel Discussion

Networking and Refreshments Break 10:55-11:10 @ Athens

- 11:10-11:30** Title: **A novel role of bmi1 in prostate cancer**  
**Qi Cao**, Weill Cornell Medical College, USA
- 11:30-11:50** Title: **FOXA1 defines cancer cell specificity**  
**Zhaoyu Li**, Mayo Clinic, USA
- 11:50-12:10** Title: **Targeting sulfiredoxin in colorectal cancer**  
**Qiou Wei**, University of Kentucky College of Medicine, USA

## Sessions:

Immunotherapy | Cancer Therapy | Radiation Therapy | Stem Cell Therapeutics and Regenerative Medicine | Cancer Stem Cell Therapy | Cellular and Technological Breakthroughs in Cancer

- Session Chair:**  
**Jianhua Luo**, University of Pittsburgh School of Medicine, USA  
**George G Chen**, The Chinese University of Hong Kong, China

## Session Introduction

- 12:10-12:30** Title: **The promise of epigenetic therapy in solid tumors: DNA methylation inhibitors in testicular cancer**  
**Michael J Spinella**, University of Illinois at Urbana-Champaign, USA
- 12:30-12:50** Title: **GOS2 represses PI3K/AKT/mTOR signaling and increases sensitivity to PI3K/mTOR pathway inhibitors in estrogen receptor-positive breast cancer cells**  
**Sarah J Freemantle**, University of Illinois at Urbana-Champaign, USA
- 12:50-13:10** Title: **C/EBP- $\delta$  positively regulates MDSC expansion and endothelial VEGFR2 expression in tumor development**  
**P. Charles Lin**, National Cancer Institute, USA
- 13:10-13:30** Title: **Cell signaling and cancer therapy**  
**Sudha Bansode**, Shankarrao Mohite College Akluj, India

## Panel Discussion

### Group Photo

Lunch Break 13:30-14:15 @ Athens

- 14:15-14:35** Title: **CD44-high alveolar type II cells show stem cell properties during steady-state alveolar homeostasis**  
**Yuru Liu**, University of Illinois at Chicago, USA

- 14:35-14:55** Title: **FOXP3-mediated Transcriptional Regulation of MicroRNAs in breast cancer**  
Runhua Liu, University of Alabama at Birmingham, USA
- 14:55-15:15** Title: **Safety, efficacy and biology of the gp100 TCR-based bispecific T cell redirector, IMCgp100 in advanced uveal melanoma**  
Christina Coughlin, Immunocore Ltd, UK
- 15:15-15:35** Title: **Targeting Akt regulatory mechanisms for cancer therapy**  
Pengda Liu, The University of North Carolina, USA
- 15:35-15:55** Title: **Allosteric modulation of the Ras active site: From biochemistry to binding specificity**  
Carla Mattos, Northeastern University, USA
- 15:55-16:15** Title: **RhoC-ROCK2 signaling regulate radio-resistance in cervical carcinoma by modulating DNA repair activity**  
Sweta Srivastava, St. John's National Academy of Health Sciences, India

**Networking and Refreshments Break 16:15-16:30 @ Athens**

- 16:30-16:50** Title: **Initiatives to advance stem cell science and medicine at california's \$3 billion stem cell agency**  
Stephen Lin, California Institute for Regenerative Medicine, USA
- 16:50-17:10** Title: **Novel nanotechnology approach to target cancer- switch from proto-oncogene to tumor suppressor**  
Alexander Kazansky, The University of Texas Rio Grande Valley, USA
- 17:10-17:30** Title: **Rationale for combinatorial approaches including PI3K-p110alpha targeting in brain cancer stem cells**  
Frank Eckerdt, Northwestern University, USA

**Panel Discussion**

**Day 2 September 28, 2017**

**Vienna**

**Keynote Forum**

- 08:30-08:55** Title: **An empirical assay for assessing genomic sensitivity and for improving cancer diagnostics**  
Diana Anderson, University of Bradford, UK
- 08:55-09:20** Title: **How pancreatic cancer cell signaling proteins (CSPs) respond to tyrosine kinase inhibitor (TKIs) therapeutics - Peptide MicroArray, PepArray™, is a powerful molecular tool for CSP profiling**  
Xiaolian Gao, University of Houston, USA
- 09:20-09:45** Title: **Vitamin C and cell signaling in cancer**  
Colleen Huber, Naturopathic Oncology Research Institute, USA
- 09:45-10:10** Title: **Genomics of induced tissue regeneration**  
Ivan Labat, AgeX Therapeutics, Inc., USA
- 10:10-10:35** Title: **Advanced biomaterial PepGel - a new tool for translational research in cell therapy**  
Xiuzhi Susan Sun, Kansas State University, USA
- 10:35-10:55** Title: **T-patterns in human and neuronal interactions and on DNA: Spatio-temporal self-similarity and translation symmetry**  
Magnus S. Magnusson, University of Iceland, Iceland

**Panel Discussion**

**Networking and Refreshments Break 10:55-11:10 @ Athens**

- 11:10-11:35** Title: **Discovery of apoptotic compensatory proliferation signaling and its implication in tumor biology and cancer therapy**  
Sasha Shafikhani, Rush University Medical Center, USA

**Sessions:**

**Cell signaling | Modes of Signaling & Signaling Pathways | Molecular Medicine | Protein Signaling & Neuronal Signaling | Advanced Approach in Cell Signaling | Cellular and Technological Breakthroughs in Cancer**

**Session Chair: Diana Anderson, University of Bradford, UK**

**Session Co-chair: Stephen S Lin, California Institute for Regenerative Medicine, USA**

**Session Introduction**

- 11:35-11:55** Title: **Modulation of Wnt signaling pathway, a strategy in urothelial carcinoma progression**  
Ramiro Malgor, Ohio University, USA

- 11:55-12:15 **Title: miR-34c plays a key role in theileria-transformed macrophages and human cancer cell lines by targeting PRKAR2B**  
**Malak Haidar**, King Abdullah university of science and technology, Saudi Arabia
- 12:15-12:35 **Title :- Stage-specific expression of CYP26B1 in the adult testis is responsible for pulsatile retinoic acid signaling in spermatogenesis**  
**Seyedmehdi Nourashrafeddin**, University of Pittsburgh School of Medicine, USA
- 12:35-12:55 **Title: FGFR1 lentivirus lung cancer cell model for anti-cancer drug discovery and the study of FGFR1 signaling pathway**  
**Yiguang Lin**, University of Technology Sydney, Australia
- 12:55-13:15 **Title: Integrin inhibition in the tumor microenvironment**  
**Heloisa Sobreiro Selistre de Araujo**, Universidade Federal de São Carlos, Brazil

**Panel Discussion**

**Lunch Break 13:15-14:00 @ Athens**

- 14:00-14:20 **Title: High TSTA3 expression as a candidate biomarker of poor prognosis of ESCC patients**  
**Zianyi Wang**, Taiyuan Lingde Secondary School, China
- 14:20-14:40 **Title: MicroRNAs In oral cancers**  
**Kaiser Jamil**, Bhagwan Mahavir Medical Research Centre, India
- 14:40-15:00 **Title: Anticancer activities of the selected phytochemicals and their therapeutic implication in AGS gastric cancer cells**  
**Somi Cho**, Jeju National University, Korea
- 15:00-15:20 **Title: Regulation of proteostasis in hMSCs: Proteasome activation enhances stemness and delays senescence**  
**Marianna Kapetanou**, National Hellenic Research Foundation, Greece
- 15:20-15:40 **Title: Generation of a biologically and mechanically suitable 3D scaffold for Heart Valve**  
**Maryam Eslami**, Islamic Azad University, Iran
- 15:40-16:00 **Title: Trends and limitation in hydrogel-based therapies for myocardial regeneration**  
**Ali Mohammad Hasan Joshaghani**, Islamic Azad University, Iran

**Panel Discussion**

**Networking and Refreshments Break 16:00-16:15 @ Athens**

**Poster Presentation (16:15-17:15) @ Cannes**

- CCCT 01 **Title: Synthetic hydrogel-based 3D culture system for maintenance of human induced pluripotent stem cell**  
**Quan Li**, Kansas State University, USA
- CCCT 02 **Title: A targeted multi-stage theranostic platform for immunotherapy**  
**Asad Moten**, National Institutes of Health, Maryland, USA
- CCCT 03 **Title: Antiproliferative activity of 6-(imidazo [1, 2-a] pyridine-3-yl)-N-(4-piperidinyl)-2-pyridinamine on diffuse large B-cell lymphoma through IRAK4 inhibition**  
**Gi Nam Kim**, Keimyung University, South Korea
- CCCT 04 **Title: Immunization with porcine epidemic diarrhea virus harboring swine Fc induces higher immune responses**  
**Hyunjin Shin**, Chungnam National University, Korea

**Panel Discussion**

**Award and Closing Ceremony**