Annual Summit on

CELL SIGNALING, CELL THERAPY AND CANCER THERAPEUTICS

September 27-28, 2017    Chicago, USA

Thank You for being support as Moderator

Jianhua Luo
University of Pittsburgh, USA

Li Zhang
The University of Texas at Dallas, USA

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### Keynote Forum

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

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<tbody>
<tr>
<td>10:15-10:35</td>
<td>Role of FOXA1 in prostate cancer and therapeutic resistance</td>
<td>Jindan Yu, Northwestern University, USA</td>
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<td>10:35-10:55</td>
<td>Functional and mechanistic analysis of LncRNAs in lung cancer</td>
<td>Guoan Chen, University of Michigan Health System, USA</td>
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### Panel Discussion

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

### 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

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

#### Lunch Break 13:30-14:15 @ Athens

### Opening Ceremony
Title: FOXP3-mediated Transcriptional Regulation of MicroRNAs in breast cancer
Runhua Liu, University of Alabama at Birmingham, USA

Title: Safety, efficacy and biology of the gp100 TCR-based bispecific T cell redirector, IMCgp100 in advanced uveal melanoma
Christina Coughlin, Immunocore Ltd, UK

Title: Targeting Akt regulatory mechanisms for cancer therapy
Pengda Liu, The University of North Carolina, USA

Title: Allosteric modulation of the Ras active site: From biochemistry to binding specificity
Carla Mattos, Northeastern University, USA

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

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

Title: Novel nanotechnology approach to target cancer- switch from proto-oncogene to tumor suppressor
Alexander Kazansky, The University of Texas Rio Grande Valley, USA

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, PepArrayTM, 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

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

Title: Modulation of Wnt signaling pathway, a strategy in urothelial carcinoma progression
Ramiro Malgor, Ohio University, USA
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

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

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

Title: Integrin inhibition in the tumor microenvironment
Heloisa Sobreiro Sellistre 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

Title: MicroRNAs In oral cancers
Kaiser Jamil, Bhagwan Mahavir Medical Research Centre, India

Title: Anticancer activities of the selected phytochemicals and their therapeutic implication in AGS gastric cancer cells
Somi Cho, Jeju National University, Korea

Title: Regulation of proteostasis in hMSCs: Proteasome activation enhances stemness and delays senescence
Marianna Kapetanou, National Hellenic Research Foundation, Greece

Title: Generation of a biologically and mechanically suitable 3D scaffold for Heart Valve
Maryam Eslami, Islamic Azad University, Iran

Title: Trends and limitation in hydrogel-based therapies for myocardial regeneration
Ali Mohammad Hasan Joshaghani, Islamic Azad University, Iran

Panel Discussion

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