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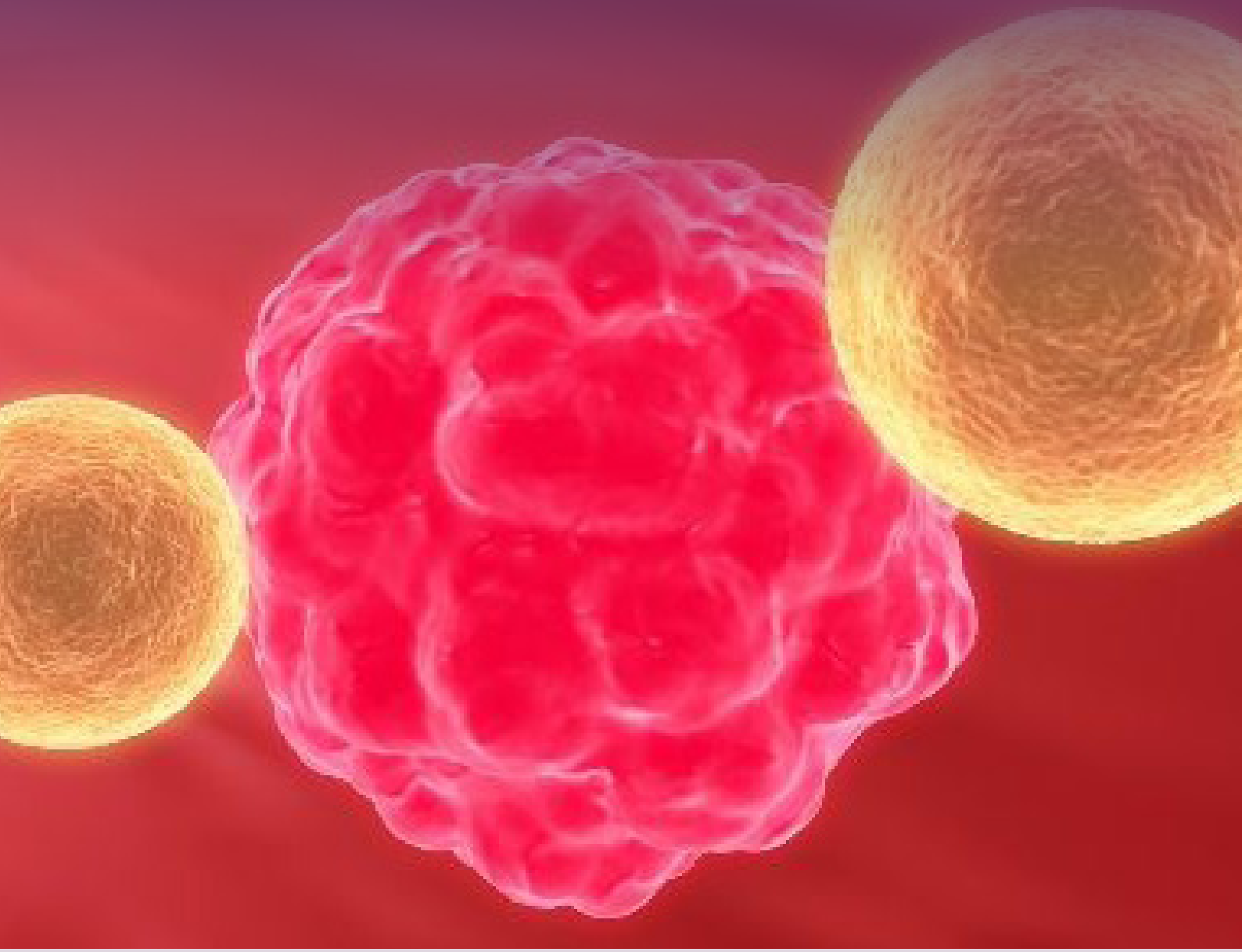
Scientific Program

Annual Summit on

CELL SIGNALING, CELL THERAPY AND CANCER THERAPEUTICS

September 27-28, 2017 Chicago, USA



Conference Series - America
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Day 1 September 27, 2017

08:00-08:30 Registrations

Vienna

conferenceseries.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: G0S2 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-δ 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

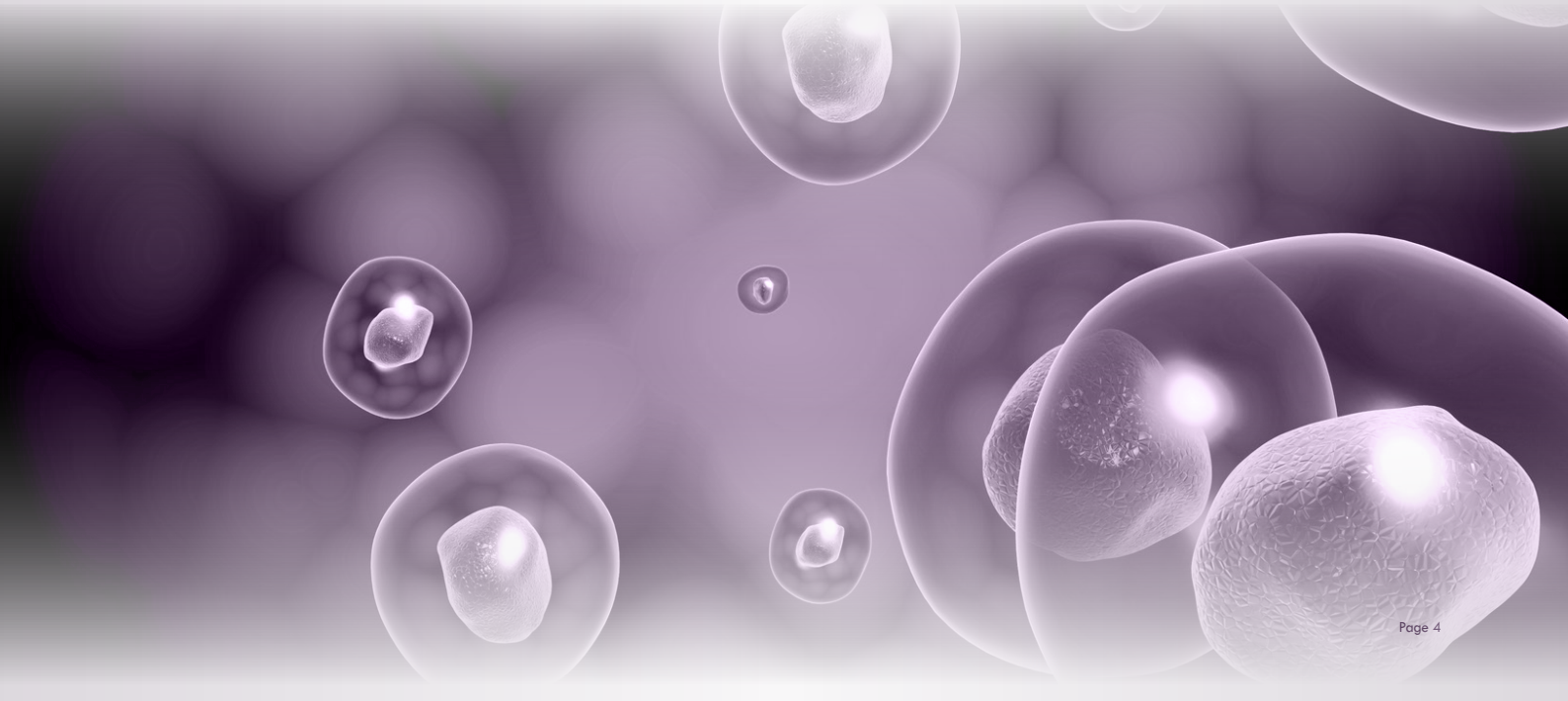
Vienna

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 inkibitor (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
11:10-11:35	**Tittle: 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	**Tittle: 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	**Tittle: 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