Scientific Program

5th International Conference on
Cancer Genomics
August 08-09, 2016   Las Vegas, USA

Hosting Organization: Conference Series LLC
2360 Corporate Circle., Suite 400 Henderson, NV 89074-7722, USA
Ph: +1-888-843-8169, Fax: +1-650-618-1417, Toll free: +1-800-216-6499
Email: cancergenomics@insightconferences.com, cancergenomics@conferenceseries.com
**Scientific Program**

**Day 1  August 08, 2016**

**Hall-II**

**Keynote Forum**

10:00-10:30  Title: Integration of genomics with metabolomics and epigenomics and its implication in cancer control
Mukesh Verma, National Institutes of Health, USA

10:30-11:00  Title: Genomics of glioblastoma heterogeneity model
Tamara Lah Turnsek, National Institute of Biology, Slovenia

**Panel Discussion**

Coffee Break: 11:00-11:20 @ Atrium

**Sessions**:
- Epigenetics and Cancer Genomics
- Cancer Genome Therapy
- Cell Fate in Cancer
- Cancer Nanotechnology
- Emerging Themes in Cancer Genomics
- Hormone Dependent Cancer
- New Frontiers in Gene Editing

Session Chair: Mukesh Verma, National Institutes of Health, USA

11:20-11:50  Title: Modulation of growth and stress response through genome editing by CRISPR/CAS9 system
Yang Do Choi, Seoul National University, South Korea

11:50-12:20  Title: Uptake, delivery and anticancer activity of thymoquinone nanoparticles in breast cancer cells
Hala Gali-Muhtasib, American University of Beirut, Lebanon

12:20-12:50  Title: Development of colorectal carcinoma vaccine candidates using plant expression GA733-Fc
Young Hee Joung, Chonnam National University, South Korea

12:50-13:20  Title: Big data analysis for revealing the gene-gene interactions in cancer cells
Benjamin Yat Ming Yung, Hong Kong Polytechnic University, Hong Kong

**Lunch Break: 13:20-14:05 @ Atrium**

14:05-14:35  Title: Genetic alterations of histone methylation modifiers and their significance in breast cancer
Zeng-Quan Yang, Wayne State University, USA

14:35-15:05  Title: Transcriptome profiling of stress responsive noncoding RNAs and their target genes
Ju-Kon Kim, Seoul National University, South Korea

15:05-15:35  Title: Size matters: Challenges in implementing large Next-generation sequencing panels for routine clinical screening of tumors
Rajesh R Singh, University of Texas MD Anderson Cancer Center, USA

15:35-16:05  Title: Clinical implementation of tumor genotyping to guide development of personalized regimens for patients with metastatic breast cancer: Challenges and opportunities
Aditya Bardia, Massachusetts General Hospital Cancer Center, USA

Coffee Break: 16:05-16:25 @ Atrium

16:25-16:55  Title: Screening chemo-resistant related genes via digital gene expression profiling and small RNA sequencing in esophageal squamous cell carcinoma
Yikun Cheng, Beijing New Oriental Foreign Language School at Yangzhou, China

16:55-17:25  Title: miR-7 regulates the expansion and function of myeloid-derived suppressor cells via NF-κB signaling pathway in gastric carcinogenesis
Yiling Si, Chinese PLA General Hospital, China

**Panel Discussion**
### Day 2  August 09, 2016

#### Hall-II

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>09:30-11:00</td>
<td><strong>Workshop on NIH Funding Opportunities</strong>&lt;br&gt;by: Mukesh Verma, National Institutes of Health, USA</td>
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<td></td>
<td><strong>Panel Discussion</strong>&lt;br&gt;Coffee Break: 11:00-11:20 @ Atrium</td>
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<td><strong>Sessions</strong>: Big Data in Cancer Genomics</td>
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#### Session Chair: Tamara Lah Turnsek, National Institute of Biology, Slovenia<br>Session Co-Chair: Serban San-Marina, Mayo Clinic, USA

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
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<tr>
<td>11:20-11:50</td>
<td><strong>Understanding the mechanisms of novel histone modifications in vivo</strong>&lt;br&gt;<strong>Estimation of missing values for gene interaction data coming from high throughput technologies</strong>&lt;br&gt;<strong>Systems biology and functional genomics for precision medicine: A data-driven and integrative approach</strong>&lt;br&gt;<strong>The importance of re-examination with deep biopsies in diagnosing cervical malignancies despite multiple negative pathology reports: A case report</strong>&lt;br&gt;<strong>The importance of re-examination with deep biopsies in diagnosing cervical malignancies despite multiple negative pathology reports: A case report</strong></td>
<td>Nithyha Parameswaran Kalaivani, Institute of Genetics and Molecular and Cellular Biology, France</td>
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<td>12:20-12:50</td>
<td><strong>Long non-coding RNA OR3A4 promoted the metastasis and tumorigenicity in gastric cancer</strong>&lt;br&gt;<strong>CDA-NABC-cytidine deaminase activity a predictive marker of toxicity/efficacy in nucleosidic analogs-based chemotherapy</strong>&lt;br&gt;<strong>Can mesenchymal stem cells be used as a future weapon against breast cancer?</strong>&lt;br&gt;<strong>Comprehensive analysis of the DNA methylation landscape in esophageal adenocarcinoma and Barrett’s esophagus</strong></td>
<td>Xiaobo Guo, Shandong University, China</td>
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<td>14:05-14:35</td>
<td><strong>Metabolomic profiling, antioxidant capacity and in vitro anticancer activity of some Compositae plants growing in Saudi Arabia</strong>&lt;br&gt;<strong>Global analysis of DNA methylation in hepatocellular carcinoma by a liquid hybridization capture-based bisulfite sequencing approach</strong></td>
<td>Mousa O Germoush, Aljouf University, KSA</td>
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**7th International Conference on**

**Cancer Genomics**

July 10-12, 2017  Chicago, USA

Website: [www.cancergenomics.conferenceseries.com](http://www.cancergenomics.conferenceseries.com)