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595th Conference

*Scientific Program*

5th International Conference on

# Cancer Genomics

**August 08-09, 2016 Las Vegas, USA**



**Hosting Organization: Conference Series LLC**
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# Scientific Program

## Day 1 August 08, 2016

**09:00-09:30** **Registrations**

**Hall-II**

conferenceseries.com **09:30-10:00** **Opening Ceremony**

### 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 Fronteries in Gene Editing

Session Introduction

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

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

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

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

**12:50-13:20** **Tittle: 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** **Tittle: Genetic alterations of histone methylation modifiers and their significance in breast cancer**
**Zeng-Quan Yang**, Wayne State University, USA

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

**15:05-15:35** **Tittle: 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** **Tittle: 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** **Tittle: Screening chemo-resistant related genes via digital gene expression profiling and small RNA sequencing in esophageal squamous cell carcinomar**
**Yikun Cheng**, Beijing New Oriental Foreign Language School at Yangzhou, China

**16:55-17:25** **Tittle: 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**

**09:30-11:00** Workshop on **NIH Funding Opportunities**
by: **Mukesh Verma**, National Institutes of Health, USA

**Panel Discussion**

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

Sessions: Big Data in Cancer Genomics | Cancer Biopsy | Whole Genome Sequencing

Session Introduction

**Session Chair: Tamara Lah Turnsek**, National Institute of Biology, Slovenia
**Session Co-Chair: Serban San-Marina**, Mayo Clinic, USA

**11:20-11:50**
**Tittle: Understanding the mechanisms of novel histone modifications *in vivo***
**Nithyha Parameswaran Kalaivani**, Institute of Genetics and Molecular and Cellular Biology, France

**11:50-12:20**
**Tittle: Estimation of missing values for gene interaction data coming from high throughput technologies**
**Gashaw Mekuria**, University of Tampere, Finland

**12:20-12:50**
**Tittle: Systems biology and functional genomics for precision medicine: A data-driven and integrative approach**
**Jiyang Yu**, Pfizer Inc., USA

**12:50-13:20**
**Tittle: The importance of re-examination with deep biopsies in diagnosing cervical malignancies despite multiple negative pathology reports: A case report**
**Azadeh Memarian**, Iran University of Medical Sciences, Iran

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

**14:05-14:35**
**Tittle: Long non-coding RNA OR3A4 promoted the metastasis and tumorigenicity in gastric cancer**
**Xiaobo Guo**, Shandong University, China

**14:35-15:05**
**Tittle: CDA-NABC-cytidine deaminase activity a predictive marker of toxicity/efficacy in nucleosidic analogs-based chemotherapy**
**Adel Gouri**, Badji-Mokhtar University, Algeria

**15:05-15:35**
**Tittle:Can mesenchymal stem cells be used as a future weapon against breast cancer?**
**Hend Abdel Gawad Shakshouk**, Alexandria Faculty of Medicine, Egypt

**15:35-16:05**
**Tittle: Comprehensive analysis of the DNA methylation landscape in esophageal adenocarcioma and Barrett's esophagus**
**Lutz Krause**, IUniversity of Queensland, Australia

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

**16:25-16:55**
**Tittle: Metabolomic profiling, antioxidant capacity and *in vitro* anticancer activity of some Compositae plants growing in Saudi Arabia**
**Mousa O Germoush**, Aljouf University, KSA

**16:55-17:25**
**Tittle: Global analysis of DNA methylation in hepatocellular carcinoma by a liquid hybridization capture-based bisulfite sequencing approach**
**Qian Chen**, Huazhong University of Science and Technology, China

**Panel Discussion**

**Award Ceremony**


## Bookmark Your Dates

7th International Conference on

# Cancer Genomics

July 10-12, 2017 Chicago, USA

Website: www.cancergenomics.conferenceseries.com