

Scientific Program

International Conference on

Cancer Epigenetics and Biomarkers

October 26-28, 2017 Osaka, Japan



Hosting Organization: Conference Series LLC

One Commerce Center-1201, Orange St. #600, Wilmington, Zip-19899, Delaware, USA

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08:30-09:00 Registrations

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

Keynote Forum

- 9:30-10:15** Title : Risk prediction of cancer by epigenetics
 Mukesh Verma, National Institutes of Health, United States
- 10:15-11:00** Title: Biomarkers Of A Stem Cell Melanoma
 Suraiya Rasheed, Keck School of Medicine, University of Southern California, United States

Group Photo

Networking & Refreshment Break 11:00-11:15 @foyer

- 11:15-12:00** Title : Epigenetic and metabolic regulation of leukemia stem cells
 Jenny Wang, University of New South Wales, Australia

Sessions:

Cancer types | Cancer Diagnostics and Staging | Epigenetics | Clinical Applications of Epigenetics | Clinical Biomarkers | Predictive Cancer Biomarkers

Session Introduction

Session Chair: Suraiya Rasheed

Session Co-chair: Jenny Wang

- 12:00-12:30** Title : Insights of Breast Cancer Epigenetics: An intersection between the endogenous and exogenous systems.
 Manal H. Al Khanbashi, Higher College of Technology, Oman
- 12:30-13:00** Title: E-BABE- A metabolomics approach for therapy response in breast cancer
 Pedro Sanchez Rovira, Xanit International Hospital, Spain

Lunch Break 13:00-14:00 @3F Regency DE

Workshop @14:00-16:00

Title: Research and funding opportunities at the NIH
Dr. Mukesh Verma, National Institutes of Health, USA

Networking & Refreshment Break 16:00-16:15 @foyer

Poster Presentation 16:15 - 17:30

- CEAB 01** Title: Expression of human peroxiredoxin isoforms in response to cervical carcinogenesis
 Kiyoon Kim, Kyung Hee University, Seoul, South Korea
- CEAB 02** Title: Novel compounds triggers HepG2 apoptotic cell
 Su Yun Jeong, Kyung Hee University School of Medicine, Seoul, South Korea
- CEAB 03** Title: Cancer treatment using newly synthesized natural compound
 Young-Seok Lee, Kyung Hee University School of Medicine, Seoul, South Korea
- CEAB 04** Title: EZH2-mediated upregulation of ROS1 oncogene promotes oral cancer metastasis
 Chien-Hung Shih, National Tsing Hua University, Hsinchu, Taiwan
- CEAB 05** Title: Calsequestrin 2 regulates migration and invasion in breast cancer cells
 Ju Hee Kim, Seoul National University Hospital, Seoul, South Korea
- CEAB 06** Title: MicroRNA-204-5p inhibits breast cancer progression and metastasis by targeting PI3K/Akt signaling pathway
 Bok Sil Hong, Seoul National University Hospital, Seoul, South Korea
- CEAB 07** Title: SAG-UPS regulates malignant transformation to confer survival advantage to early hepatocellular carcinoma
 Shu Chun Chang, Taipei Medical University, Taiwan

- CEAB 08** Title: **Comparative analysis of RCGY sites methylation in the genomes of Raji and U-937 malignant and normal lung fibroblast cell lines**
Viktor N. Tomilov, SibEnzyme Ltd., Novosibirsk, Russia
- CEAB 09** Title: **Study of DNA methylation associated with Lung Cancer: GLAD-PCR Assay of R(5mC)GY sites**
Evgeny Dubinin, SibEnzyme Ltd., Novosibirsk, Russia
- CEAB 10** Title: **EphrinB1 promotes cancer cell migration and invasion through the interaction with RhoGDI1**
Hee Jun Cho, Korea Research Institute of Bioscience and Biotechnology, South Korea

Panel Discussions

Day 2 October 27, 2017

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Keynote Forum

- 9:30-10:15** Title: **Leading the Global Collaborative Effort In Epigenetics Through A Next Generation Search Engine and Portal for the Oncology Community**
David A Ligon, Oncology Fox, United States
- 10:15-11:00** Title: **Induction of epigenetic alterations in gastric epithelium and their contribution to gastric tumorigenesis**
Atsushi Kaneda, Chiba University, Japan

Networking & Refreshment Break 11:00-11:15 @foyer

Sessions:

Cancer Epigenetics | Biomarkers and Bioinformatics Development in Epigenetics | Treatment and Therapy | Cell free Biomarkers | Advances of Biomarker testing | Predictive cancer Biomarkers

Session Introduction

Session Chair: Atsushi Kaneda

Session Co-chair: Safana Salim Al Saidi

- 11:15-11:45** Title: **Single-cell molecular analysis reveals a possibility of epithelial to circulating tumor cell transition when a tumor cell enters into the bloodstream**
Glenn Deng, Stanford University School of Medicine, United States
- 11:45-12:15** Title: **Studying methylation status of p16, p14, Mlh1, APc and UNC5C in the plasma as diagnostic biomarkers of colorectal cancer**
Ladan Teimoori-Toolabi, Molecular Medicine Department, Pasteur Institute of Iran, Iran
- 12:15-12:45** Title: **Dual Blockade of the Lipid Kinase and Mitotic Pathways Leads to Ras Activated Cancer-selective Lethality**
Sang Hyun Lee, Duke-NUS Medical School, Singapore
- 12:45-13:15** Title: **Predictive biomarker discovery of treatment response in lung cancer: A metabolomic approach**
Jose Perez del Palacio, MEDINA Foundation, Spain

Lunch Break 13:15-14:15 @3F Regency DE

- 14:15 -14:45** Title : **Validity of prostate health index and percentage of [-2]pro-prostate-specific antigen as novel biomarkers in the diagnosis of prostate cancer First reported Omani tertiary hospitals experience**
Safana Salim Al Saidi, Ministry Of Health, Muscat
- 14:45-15:15** Title: **EGF induces paradoxical growth arresting via the up-regulation of PTEN by activating Ref-1/ Egr-1 in human NSCLC cells**
In-Hye Jung, University of Ulsan College of Medicine, Seoul, South Korea
- 15:15-15:45** Title: **DNA methylation of microRNA genes in gastric carcinoma and its clinicopathological association**
Ho Gun Kim, Chonnam National University, Gwangju, South Korea

Networking & Refreshment Break 15:45-16:00 @foyer

Poster Presentation 16:00 - 17:00

- CEAB 11** Title: **Opa-interacting protein 5 modulates docetaxel-induced cell death via regulation of mitophagy in gastric cancer**
Seon-Jin Lee, Korea Research Institute of Bioscience and Biotechnology, South Korea

- CEAB 12** Title: **Protein phosphatase 1B dephosphorylates Rho guanine nucleotide dissociation inhibitor 1 and suppresses cancer cell migration and invasion.**
Hee Gu Lee, Korea Research Institute of Bioscience and Biotechnology, South Korea
- CEAB 13** Title: **A biomarker-based diagnostic algorithm for lung cancer early detection**
Feng Jiang, University of Maryland School of Medicine, Baltimore, United States
- CEAB 14** Title: **Intake of chemopreventive antioxidant dietary supplements has impact on lymphocyte stress-related biomarkers in healthy dogs**
Tamara Kondratyuk, Daniel K. Inouye College of Pharmacy, University of Hawaii, United States
- CEAB15** Title: **Cancer-upregulated gene 2 (CUG2) increases the protein stability of Enhancer of zeste homolog (EZH2) by negatively regulating the beta-TrCP-mediated degradation**
Yeongmi Cheon, Chungnam National University, Daejeon, South Korea
- CEAB 16** Title: **Centromere protein W (CENP-W) interacts and co-localizes with PRC2 component, EZH2 in the nucleus**
Saeyi Lim, Chungnam National University, Daejeon, South Korea
- CEAB 17** Title: **FOXO1 Degradation by G9a-mediated Methylation Promotes Cell Proliferation in Colon Cancer**
Sang Beom Seo, Chung-Ang University, Seoul, South Korea
- CEAB 18** Title: **Development of Reproducible and Versatile Recombinant Antibodies for Epigenetics Research**
Masato Yonezawa, Active Motif Inc., United States
- CEAB 19** Title: **EGF induces paradoxical growth arresting via the up-regulation of PTEN by activating Ref-1/ Egr-1 in human NSCLC cells**
In-Hye Jung, University of Ulsan College of Medicine, Seoul, South Korea
- CEAB 20** Title: **STX17-AS1, a long noncoding RNA, acts as novel oncogene in regulating cancer cell growth and invasion in colorectal cancer**
Kuo-Wang Tsai, Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan
- CEAB 21** Title: **Application of the serum autoantibody against tumor associated antigen as biomarker for primary screening of cervical cancer**
Yingji Jin, Chung-Ang University, South Korea

Poster Evaluation

Awards and Closing Ceremony

Day 3 October 28, 2017

Business Networking and Lunch: 11.30-13:30 @3F Regency DE

Next in Series

2nd International Conference on

Cancer Genetics and Epigenetics

July 19-20, 2018 Sydney, Australia

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