International Conference on
Cancer Epigenetics and Biomarkers

October 26-28, 2017 Osaka, Japan
Day 1 October 26, 2017

08:30-09:00  Registrations

Crystal
conference@series.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

Crystal

Keynote Forum

<table>
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<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
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<tbody>
<tr>
<td>9:30-10:15</td>
<td>Leading the Global Collaborative Effort In Epigenetics Through A Next Generation Search Engine and Portal for the Oncology Community</td>
<td>David A Ligon, Oncology Fox, United States</td>
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<tr>
<td>10:15-11:00</td>
<td>Induction of epigenetic alterations in gastric epithelium and their contribution to gastric tumorigenesis</td>
<td>Atsushi Kaneda, Chiba University, Japan</td>
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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 Chair: Atsushi Kaneda
Session Co-chair: Safana Salim Al Saidi

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<tr>
<td>11:15-11:45</td>
<td>Single-cell molecular analysis reveals a possibility of epithelial to circulating tumor cell transition when a tumor cell enters into the bloodstream</td>
<td>Glenn Deng, Stanford University School of Medicine, United States</td>
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<tr>
<td>11:45-12:15</td>
<td>Studying methylation status of p16, p14, Mlh1, APC and UNC5C in the plasma as diagnostic biomarkers of colorectal cancer</td>
<td>Ladan Teimoori-Toolabi, Molecular Medicine Department, Pasteur Institute of Iran, Iran</td>
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<td>12:15-12:45</td>
<td>Dual Blockade of the Lipid Kinase and Mitotic Pathways Leads to Ras Activated Cancer-selective Lethality</td>
<td>Sang Hyun Lee, Duke-NUS Medical School, Singapore</td>
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Lunch Break 13:15-14:15 @3F Regency DE

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<td>14:15-14:45</td>
<td>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</td>
<td>Safana Salim Al Saidi, Ministry Of Health, Muscat</td>
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<tr>
<td>14:45-15:15</td>
<td>EGF induces paradoxical growth arresting via the up-regulation of PTEN by activating Ref-1/ Egr-1 in human NSCLC cells</td>
<td>In-Hye Jung, University of Ulsan College of Medicine, Seoul, South Korea</td>
<td></td>
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<td>15:15-15:45</td>
<td>DNA methylation of microRNA genes in gastric carcinoma and its clinicopathological association</td>
<td>Ho Gun Kim, Chonnam National University, Gwangju, South Korea</td>
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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

CEAB 15
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
Song 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