| Joint Conference | |
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| **10th World Congress on Biomarkers & Clinical Research**<br>**25th World Congress on Cancer Science and Therapy** | |
| October 18-20, 2017 Baltimore, USA | |
| **Conference Hall** | |
| **Day 1 : October 18, 2017** | |
| **08:30-09:00** | **Registrations** |
| **09:00-09:25** | **Opening Ceremony** |
| **09:25-09:30** | **Introduction** |
| **Keynote Forum** | |
| **09:30-10:00** | **Title: Molecular surrogates of histologic activity in crohn's disease**<br>**Baribaud Fred,** Johnson & Johnson, USA |
| **10:00-10:30** | **Title: Genomic approaches in modern biotechnology - from discovery, translation to implementation**<br>**David Dongliang Ge,** Apostle Inc, USA |
| **10:30-11:00** | **Title: Integrated Biomarker Strategies in Immuno-Oncology**<br>**Kamala K Maddali,** Cancer Genetics Inc, USA |
| **Networking & Refreshments Break 11:00-11:20@ Foyer** | |
| **11:20-11:50** | **Title: Translational approach to detect biomarkers bedside**<br>**Srinivas Pentyala,** Stony Brook Medical Center, USA |
| **11:50-12:20** | **Title: Cancer genomic biomarkers in human malignancies**<br>**Jianhua Luo,** University of Pittsburgh, USA |
| **12:20-12:50** | **Title: Perioperative use of NSAID might prevent early relapses in breast and other Cancers: An upstream approach**<br>**Michael Retsky,** Harvard School of Public Health, USA |
| **Panel Discussion** | |
| **Special Session** | |
| **Biomarkers \| Cancer Biomarkers \| Novel Approaches to Cancer Therapeutics \| Molecular Biomarkers \| Biomarkers for Immuno-Oncology \| Biomarkers in Clinical Research & Development \| Biomarkers and Drug Discovery \| Cancer Metastasis \| Cancer screening and Diagnostics Session \| Tumor & Cancer Immunology \| Biomarkers and Pathology\| Biomarkers for Disorders \|** | |
| **Session Chair: Diana Anderson,** University of Bradford, UK<br>**Session Chair: Jianhua Luo,** University of Pittsburgh, USA | |
| **12:50-13:15** | **Title: Water channel AQP5 is a Potential Novel Biomarker of Diabetic Nephropathy**<br>**Wenzheng Zhang**, Albany Medical College, USA |
| **13:15-13:40** | **Title: SIRT1 and Chk1 inhibition as novel therapeutic strategies in melanoma**<br>**A-Lien Lu-Chang,** University of Maryland, USA |
| **Networking & Lunch Break 13:40-14:30@ Foyer** | |
| **14:30-14:55** | **Title: Cancer and personalized medicine: Advances and conundrums in Cancer Therapy: A perspective on how to Improve foresightedness and pioneer cancer treatment innovations**<br>**Sherry A. Bradford,** AccuTheranostics, USA |
| **14:55-15:20** | **Title: Non-invasive quick, early diagnostic method & individualized safe, effective treatment of various cancers & their metastasis using highly sensitive electro-magnetic field resonance phenomenon between 2 identical molecules or cancer tissues**<br>**Yoshiaki Omura,** New York Medical College, USA |
| **15:20-15:45** | **Title: Key molecules associated with the development of nodular gastritis due to Helicobacter pylori infection in children**<br>**Tamaki Ikuse**, Juntendo University Graduate School of Medicine, Japan |
| **Networking & Refreshments Break 15:45-16:00@ Foyer** | |

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| **16:00-16:25** | **Title: An empirical assay for assessing genomic sensitivity and for improving Cancer Diagnostics** |
| | **Diana Anderson,** University of Bradford, UK |
| **16:25-16:50** | **Title: Cancer Metastasis: Enactment of the script for Human Reproductive Drama** |
| | **Xichun Sun,** Virginia Commonwealth University, USA |
| **16:50-17:15** | **Title: Paraneoplastic Antigens as Biomarkers for Surveillance and Prediction of Recurrence in Ovarian Cancer** |
| | **Michael A. Tainsky,** Wayne State University School of Medicine, USA |
| **17:15-17:40** | **Title: Nanofibers with unique adaptive and invasive properties for enhanced tumoral retention and anticancer drug delivery** |
| | **Vanessa Bellat,** Weill Cornell Medicine, USA |
| **17:40-18:05** | **Title: CS1 (CD319) is an effective immunotherapeutic target for multiple myeloma** |
| | **Porunelloor A. Mathew,** University of North Texas Health Science Center, USA |
| **18:05-18:30** | **Title: The efficacy of Gasdermin gene family for tumor marker in colorectal cancer** |
| | **Hajime Orita,** Shizuoka Hospital-Juntendo University, Japan |
| **YRF** | |
| **18:30: 18:55** | **Title: Sam68 regulates colon tumorigenesis by genotoxic stress-induced NF-κB activation** |
| | **Kai Fu,** Johns Hopkins University, USA |
| **Video Presentation** | |
| **18:55: 19:20** | **Title: Early Detection of Ovarian Cancer** |
| | **Tijen Atacag,** Near East University, Turkey |
| **19:20: 19:55** | **Title: Chronic inflammation and mucus hyper secretion – the factors responsible for various respiratory diseases including throat and lung Cancers** |
| | **Manikonda Prakash Rao,** Osmania University, India |
| **Day 2 October 19, 2017** | |
| **Keynote Forum** | |
| **09:30-10:00** | **Title: Regulatory considerations for In Vitro Diagnostics in Oncology** |
| | **Soma Ghosh,** Food and Drug Administration, USA |
| **10:00-10:30** | **Title: Mate-Pair Sequencing (MP-Seq) as a powerful clinical tool for the management of cancer patients** |
| | **David I Smith,** Mayo Clinic, USA |
| **10:30-11:00** | **Title: The predictive safety testing consortium: Qualification of translational safety Biomarkers for use in drug development** |
| | **John Michael Sauer,** University of Arizona College of Medicine, USA |
| **Networking & Refreshments Break 11:00-11:20@ Foyer** | |
| **11:20-11:50** | **Title: Pre-clinical and clinical studies in COPD and Cardiovascular areas and the Role of Biomarkers** |
| | **Nikolai V. Ivanov,** Philip Morris International Research & Development, Switzerland |
| **11:50-12:20** | **Title: Tackling heterogeneity in advanced cancers with personalized combination therapeutics** |
| | **Lowe, Leroy**, Lancaster University, UK |
| **Panel Discussion** | |
| **Special Session** | |
| **Biomarker Discovery \| Radiation Oncology\| Cancer Clinical Trials \| Cancer Diagnostics & Diagnostic Market \| Targeted Cancer Therapy \| Verification & Validation \| Personalized Medicine and Data Analysis \| Cancer Research \| Clinical Research \| Clinical Trials\| Translational Biomarkers & Diagnostics\|** | |

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| **Session Chair: Baribaud Fred,** Johnson & Johnson, USA<br>**Session Chair: David I Smith,** Mayo Clinic, USA | |
| **12:20-12:45** | **Title: In silico approach to biomarker discovery and precision medicine applications pertaining to medical devices** |
| | **Yelizaveta (Lisa) Torosyan**, Food and Drug Administration, USA |
| **12:45-13:10** | **Title: Serum Biomarkers in Cancer patients treated with Checkpoint inhibitors** |
| | **Peter Schulz-Knappe,** Protagen AG, Germany |
| **13:10-13:35** | **Title: AlphaLISA high throughput screen discovers a novel small-molecule inhibitor to target protein arginine methyltransferase 5 in pancreatic and colorectal cancers** |
| | **Tao Lu**, Indiana University School of Medicine, USA |
| **Networking & Lunch Break 13:35-14:30@ Foyer** | |
| **14:30-14:55** | **Tittle: Detection of gene mutations in gastric cancer tissues by sequencing panel** |
| | **Tomoaki Ito,** Shizuoka Hospital-Juntendo University, Japan |
| **14:55-15:20** | **Title: Focused ultrasound enhanced delivery in solid tumors** |
| | **Victor Frenkel**, University of Maryland School of Medicine, USA |
| **15:20-15:45** | **Title: Clinical Plasma Biomarker Development for Major Depressive Disorder (MDD)** |
| | **Alexander M. Buko,** Human Metabolome Technologies, USA |
| **15:45-16:10** | **Title: Aberrant genome duplication as both a cause and a cure for Cancer** |
| | **Melvin L. DePamphilis,** National Institute for Child Health & Human Development, USA |
| **Networking & Refreshments Break 16:10-16:30@ Foyer** | |
| **16:30-16:55** | **Title:FDA/CDRH perspectives on imaging biomarkers: Technical performance and analytical** |
| | **Daniel M. Krainak,** Food and Drug Administration, USA |
| **16:55-17:20** | **Title:FDA/CDRH perspectives on imaging biomarkers: Technical performance and analytical validation** |
| | **Robert Ochs,** Food and Drug Administration, USA |
| **17:20-17:45** | **Title: Hepatocellular Carcinoma 2017: MR and MSCT Imaging** |
| | **Janio Szklaruk,** UT MD Anderson Cancer Center, USA |
| **17:45-18:10** | **Tittle: The study of the markers of mood disorder with gastrointestinal Cancer patients** |
| | **Satoshi Tokuda,** Shizuoka Hospital-Juntendo University, Japan |
| **18:10-18:35** | **Title: Clinical constellation of the utility of the p87 Biomarker for Cancer** |
| | **Martin Tobi,** Central Michigan University College of Medicine, USA |
| **18:35-19:00** | **Title: Identification of phenanthridinone based inhibitors of BRD2-BD2 bromodomain by structure-based drug discovery approach** |
| | **Padmanabhan Balasundaram,** National Institute of Mental Health and Neuro Sciences, India |
| **19:00-19:25** | **Title: Anticancer activity of polyphenolic acetates mediated by calreticulin transacetylase in lung cancer** |
| | **Vishwajeet Rohil,** Vallabhbhai Patel Chest Institute, India |
| **19:25-19:50** | **Title: Combination of Mass Spectrometry-ELISA platforms for Alzheimer blood biomarkers** |
| | **Weiming Xia,** Boston University School of Medicine, USA |
| **Day 3 October 20, 2017** | |
| **Keynote Forum** | |
| **09:30-10:00** | **Title: Tumor Genomic sequencing to guide treatment** |
| | **George Vasmatzise,** Mayo Clinic, USA |

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| **10:00-10:30** | **Title: Ab-proteases as unique biomarkers and biopredictors to monitor Chronic inflammation of autoimmune origin at subclinical and clinical stages** |
| | **Sergey Suchkov,** 1I.M.Sechenov First Moscow State Medical University, Russia |
| **10:30-11:00** | **Title: Immunobiomarkers for Immunotherapy in Non-small Cell Lung Carcinoma** |
| | **Qing Kay Li,** Johns Hopkins Medical Institutions, USA |
| | **Networking & Refreshments Break 11:00-11:20@ Foyer** |
| | **Panel Discussion** |
| | **Special Session** |
| | **Biomarkers & its Diseases\| Cancer Cell Biology \| Cancer Drugs \| Precision Medicine & Cancer Therapy \| Functional Genomics and Cytogenetic Biomarkers \| Omics Technologies in Biomarkers Discovery and Validation \| Techniques to Maximize Biomarker Identification \| Biomarkers and Pharmacology \|** |
| | **Session Chair: Vasmatzis George,** Mayo Clinic, USA |
| | **Session Chair: Qing Kay Li,** Johns Hopkins Medical Institutions, USA |
| **11:20-11:45** | **Title: Dysregulation of apoptosis-regulating miRNA by curcumin sensitizes kidney cancer cells to TRAIL induced apoptosis** |
| | **Ismael Obaidi,** Conway Institute, Ireland |
| **11:45-12:10** | **Title: Proteomics-based biomarker discovery through data mining** |
| | **Umashanger Thayasivam,** Rowan University , USA |
| **12:10-12:35** | **Title: Bacterial nucleases as signal-amplifying biomarkers for infectious disease diagnostics** |
| | **James O. McNamara**, The University of Iowa, USA |
| **12:35-13:00** | **Title: Human MicroRNA miR-888 cluster is a novel Oncogenic network in the prostate Involved in Cancer Progression Pathways** |
| | **Aurora Esquela Kerscher,** Eastern Virginia Medical School, USA |
| **13:00-13:25** | **Title: Cytoglobin expression in transplanted pancreatic islets improves insulin production by enhanced oxygen supply and protects from cell death in diabetes** |
| | **Bhuvarahamurthy Venugopal ,** University of Madras, India |
| | **Networking & Lunch Break 13:25-14:20@ Foyer** |
| **14:20-14:45** | **Title: MERTK promotes resistance to irreversible EGFR TKIs in NSCLCs expressing wild-type EGFR** |
| | **Dan Yan**, Emory University, USA |
| **14:45-15:10** | **Title: Angiogenic properties of NSC-70 (UKRAIN/NSC-631570)** |
| | **Wassil Nowicky,** Ukrainian Anti-Cancer Institute, Austria |
| **15:10-15:35** | **Title: Nanotechnology platform for personalized cancer treatment** |
| | **Shyam Mohapatra,** University of Soiuth Florida, USA |
| **15:35-16:00** | **Title: Organelle genome polymorphisms: a molecular epidemiology tool for differentiation of Cyclospora cayetanensis isolates during foodborne outbreaks** |
| | **Hediye Nese Cinar,** Food and Drug Administration, USA |
| **16:00-16:25** | **of therapeutic targets** |
| | **Hem D Shukla,** University of Maryland, USA |
| **16:25-16:50** | **Title: Stem cell factors and markers: Biomarkers for bladder cancer detection and Target Therapy** |
| | **Mohammad Obaidul Hoque,** Johns Hopkins University, USA |

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| **16:50-17:15** | **Title: Biomarkers of hypoglycemia in human breath and sensor development**<br>**Mangilal Agarwal,** Indiana University, USA |
| **17:15-17:40** | **Title: Current regulatory trends and applicability of Biomarkers in Drugs, Biologics, and Devices: A US FDA Outlook**<br>**Nina Mezu-Nwaba,** Food and Drug Administration, USA |
| **Networking & Refreshments Break 17:40-17:50@ Foyer** | |
| | **Video Presentation** |
| **17:50-18:15** | **Title: Serum SAA2 protein as a diagnostic biomarker for egyptian Hepatocellular Carcinoma patients associated with HCV Infection**<br>**Erin Awad Rezk Sharkawy,** Cairo University, Egypt |
| **18:15-18:40** | **Title: Biomarker of adult human neurogenesis enables studies of aging and depression**<br>**Mirjana Maletic-Savatic,** Baylor College of Medicine, USA |
| **Poster Session 18:40-19:40** | |
| **P01** | **Title: Non-interventional, retrospective & anonymized data base study on breast tumors for markers predictive of risk of recurrence**<br>**Kamuju Suryahari**, Clinical Trials, India |
| **P02** | **Title: Non-interventional, retrospective & anonymized data base study on breast tumors for markers predictive of risk of recurrence**<br>**Immadi Sreevallika,** Clinical Trials, India |
| **P03** | **Title: Derivation of a unique body surface area (BSA) formula for calculation of relatively safe doses of dog and human anticancer drugs**<br>**Saganuwan Alhaji,** University of Agriculture, Nigeria |
| **P04** | **Title: Specificity of biogenic selenium nanoparticles for prostate cancer chemoprevention with reduced risk of toxicity**<br>**Praveen Sonkusre,** CSIR - Institute of Microbial Technology, India |
| **Panel Discussion** | |
| **Award Ceremony** | |
| **Thanks Giving & Closing Ceremony** | |