

International Conference
on
Disease Biomarkers and Precision Medicine



October 22-24, 2018
Houston, TX, USA

**CONFERENCE
PROGRAM**



09:00-09:30

Registrations and Introduction to DBPM -2018

09:30-12:30

Keynote Session

Development of Automated Companion Diagnostic Immunoassays in Collaboration with Therapeutic Partners

Philip Hemken, Abbott Diagnostics, IL, USA

Involvement of the Bufodienolides in the Diagnosis and Management of Traumatic Brain Injury (TBI) and Post-traumatic Stress Disorder (PTSD)

Jules Puschett, Texas A&M College of Medicine, TX, USA

11:10-11:25

Coffee Break

Title to be Updated

Ruan Ke-He, University of Houston, College of Pharmacy, TX, USA

Title to be Updated

Kevin Dalby, The University of Texas at Austin, TX, USA

12:30-13:30

Lunch

13:30- 16:30

Session on Fundamentals of Biomarkers

Precision Diagnosis of Clostridioides Difficile Infection Using a Systems-based Approach

Qinglong Wu, Baylor College of Medicine & Texas Children's Hospital, TX, USA

Genomic Profile of Clinically Aggressive Sarcomatoid Bladder Cancer

Bogdan Czerniak, The University of Texas MD Anderson Cancer Center, TX, USA

Serum IgG Antibodies to GD1a and GM1 Gangliosides in Elderly People

Vera Kolyovsk, Institute of Morphology, Pathology and Anthropology with Museum, Bulgarian Academy of Sciences, Bulgaria

Serological Signatures of Clinical Cure Following Successful Treatment with 1 Sodium Stibogluconate in Ethiopian Visceral Leishmaniasis

Endalamaw Gadisa, Armauer Hansen Research Institute, Ethiopia

Construction and Analysis of Protein-protein Interaction Network Correlated with Ankylosing Spondylitis

Attiya Kanwal, Pakistan

16:30-16:45

Networking Break

16:45-17:45

Poster Presentation

Program

Day-2
Oct 23, 2018

08:30-10:30

Session on Precision Medicine

The Gene Master Regulators Approach Provides the Best Targets for the Personalized Cancer Gene Therapy

Dumitru A Iacobas, Prairie View A&M University, TX, USA

Understanding and Overcoming Acquired Resistance to Third Generation EGFR Inhibitors

Shi-Yong Sun, Emory University School of Medicine and Winship Cancer Institute, GA, USA

Pharmacogenomic and Pharmacokinetic Determinants of Imatinib Toxicity in Gastrointestinal Stromal Tumor Patients

Xueding Wang, Sun Yat-Sen University, China

Prenatal and Early Diagnosis of Chinese 3-M Syndrome Patients with Novel Pathogenic Variants

Xuyun Hu, Beijing Children's Hospital, Capital Medical University, China

Therapeutic Potential of Nigella Sativa in Rheumatoid Arthritis

Peter John, National University of Sciences & Technology (NUST), Pakistan

Shrinking the Psoriasis Assessment Gap: Early Gene-Expression Profiling Accurately Predicts Response to Long-Term Treatment

Lewis E Tomalin, Icahn School of Medicine at Mt. Sinai, NY, USA

Elucidation of Resistance Mechanisms to Second Generation ALK Inhibitors Alectinib and Ceritinib in NSCLC Cells

Xuyuan Dong, Hospital of Xi'an Jiaotong University, China

Direct Biofluid Analysis using Hydrophobic Paper Spray Mass Spectrometry

Deidre E. Damon, The Ohio State University, OH, USA

10:30-10:45

Coffee Break

10:45-12:30

Session on Cancer Biomarkers

Butyrylcholinesterase and BCHE Gene: A Druggable Target and Prognostics Biomarker in Cancer

Janina Baranowska-Kortylewicz, University of Nebraska Medical Center, NE, USA

Molecular Insights into Immune Targets of Patients with Prostate Cancer: Implications for Health Disparities, Metastasis and Chemoresistance

Tino Sanchez, Loma Linda University School of Medicine, CA, USA

Eukaryotic Translation Initiation Factor 4 Gamma 1 (eIF4G1) as a Novel Therapeutic Target For Innervation in Advanced and Therapeutic Resistant Tumors

Hari K Koul, Feist Weiller Cancer Center, LSU Health Sciences-Center-Shreveport, LA, USA

FGF19 as a Potential Therapeutic Target in Head and Neck Squamous Cell Carcinoma

Yong Teng, Emory Children's Center, Emory University, GA, USA

CSF3R Mutations Are Highly Concomitant with Transcription Factor Genes Abnormalities in Acute Myeloid Leukemia

Hongxing Liu, Beijing Lu Daopei Institute of Hematology, China

Aurora Kinase A Localises 1 to Mitochondria to Control Organelle Dynamics and Energy Production: Implication for Cancer Cells Overexpressing Aurora-A

Claude Prigent, University of Rennes, France

Translational Research with Nanosecond Pulse Stimulation for Immuno-Oncology Applications

Stephen J Beebe, Old Dominion University, VA, USA

Epigenetic Drivers in Pediatric Medulloblastoma

Jennifer Stripay, St. Jude Children's Research Hospital, TN, USA

The Anti-gastric Cancer Activity of San Leng Powder Extract Induces Apoptosis in BALB/C Bearing-SGC-7901 Mice

Aijun Ji, JiangSu Cancer Hospital, China

12:30-13:30

Lunch

13:30-16:30

Session on Disease Biomarkers

DISC1 Pathway Rare Variants for Psychiatric Disorders

Shaolei Teng, Howard University, DC, USA

Adipose Stromal Cells as a Disease Marker and Therapy Target

Mikhail G .Kolonin, University of Texas, TX, USA

Statistical Methods for Analyzing Longitudinal Biomarker Data with Missing and Censored Values

Min Jae Lee, University of Texas McGovern Medical School, Houston, TX, USA

Red Cell Distribution Width as a Predictor of Persistent Pulmonary Hypertension of The Newborn

Sayyed Ourmazd Mohseni , Arizona State University, AZ, USA

Blood Glycated CD59 (GCD59): A Novel Biomarker for Gestational Diabetes

Jose Halperin, Brigham and Women's Hospital, Harvard Medical School, MA, USA

NOTCH3 Expression is Linked to Breast Cancer Cells Seeding and Development of Distant Metastases

Antonino B. D'Assor, Mayo Clinic , MN, USA

Identification of Plectin as a Cancer Stem Cell (CSC) Biomarker and Potential Drug Target in Non-small Cell Lung Cancer (NSCLC)

Gomika Udugamasooriya, University of Houston, TX, USA

Detection of Disease Markers in Human Breath with Laser Absorption Spectroscopy

T. Stacewicz, University of Warsaw, Poland

Diagnostic Evaluation of Various Biomarkers in Non Alcoholic Fatty Liver Disease

Uma Bhandari, Jamia Hamdard University, India

GLUT4 rs5418 Genotype and Performance of Cross-country Skiers in China

Li Yan-Chu, Beijing Sport University, China

16:30-16:45

Networking Break

16:45-18:00

Session on Disease Biomarkers

Inconsistent Genotyping Call at DYS389 Locus and Implications for Interpretation

Zhiyong Liu, Beijing Institute of Genomics, China

Protein Tyrosine Kinase 7 Promotes Cancer Stemness in Head and Neck Cancer and Acts as Biomarker

Wantao Chen, Shanghai Jiao Tong University School of Medicine, China

Usefulness of NT-proBNP as Analytical Marker of Left Ventricular Hypertrophy in Dialytic Patients

Gabriel Ignacio Aranalde, Hospital de Emergencias 'National University of Rosari', Argentina

Differences in Immunomodulatory Properties between Venlafaxine and Paroxetine in Patients with Major Depressive Disorder

Chun-Yen Chen, Graduate Institute of Medical Sciences, National Defense Medical Center, Taiwan

Type A Aortic Dissection Complicated by Pheochromocytoma

Brianne Runyan, The Jewish Hospital of Cincinnati, OH, USA

S100A4 Knockout Sensitizes Anaplastic Thyroid Carcinoma Cells Harboring BRAFV600E/wt to Vemurafenib

Kejun Zhang, Qingdao University, China

Program

*Day-3
Oct 24, 2018*

9:00-11:00

Session on Disease Biomarkers

Potential Metabolomic Biomarkers For Early Detection of Non-small Cell Lung Cancer

George G Chen, The Chinese University of Hong Kong, China

Analysis of Small Fragment Deletions of the APC Gene in Chinese Patients with Familial Adenomatous Polyposis

Senqing Chen, Jiangsu Cancer Hospital, Jiangsu Institute of Cancer Research, China

Myasthenogenic Markers in Different Types of Self-Tolerance Loss in Patients with Myasthenia Gravis

Elena Klimova, V.T. Zaitsev Institute of General and Emergency Surgery of National Academy of Medical Sciences of Ukraine, Ukraine

Bozhkov Anatoly Ivanovich, V.T. Zaitsev Institute of General and Emergency Surgery of National Academy of Medical Sciences of Ukraine, Ukraine

Avdosyev Yuri Vladimirovich, V.T. Zaitsev Institute of General and Emergency Surgery of National Academy of Medical Sciences of Ukraine, Ukraine

Radiomic Features of Pretreatment MRI Could Identify T Stage in Patients With Rectal Cancer: Preliminary Findings

Weigang Hu, Fudan University Shanghai Cancer Center, China

Intelligent Cellulose-based Protease Sensors & Modulating Materials for Potential Point-of-Care Detection and Treatment of Chronic Wound

J. Vincent Edwards, Southern Regional Research Center, LA, USA

Impact of DAAs on Leucocytic DNA Telomere Length in HCV Related Hepatic Cirrhosis

Hala Mourad Demerdash, University of Alexandria, Egypt

Role of Cell-Free Nucleic Acids in Prognosis Prediction After Acute Brain Injuries

Andrea Regner, Brazil

11:00-11:15

Coffee Break

11:15-12:45

Panel Discussion

12:45

Lunch and Departures

Poster Presentation

- P01** **Clinical Application of Urinary Cell Free DNA as a Marker for Cancer**
Jeffrey Ding, Mountain Lakes High School, NJ, USA
- P02** **Combined Treatment for Lung Metastasis from Hepatocellular Carcinoma:
A Case Report**
Gajin Han, Soram Korean Medicine Hospital, Republic of Korea, South Korea
- P03** **Appraisal Of Electrochemical Biosensor Based Diagnosis For Early Stages
of Kidney Disease**
Dignya Desai, Amity University, India
- P04** **Laparoscopically Assisted Radical Vaginal Hysterectomy for Early-stage
Cervical Cancer**
Sichen Zhang, China
- P05** **Evaluation of Pentraxin-3 Level and Its Related Factors in Patients
Undergoing Primary Percutaneous Coronary Intervention**
Amir Eghbal , Ahvaz Jundishapur University of Medical Sciences, Iran

Note: This is a tentative program for the meeting and is subjected to change without any prior notice



Contact: biomarkers@uniscigroup.org

