International Conference on Biomarkers & Clinical Research

PROGRAMME

22-11-2010

Meeting Room 1

Opening Ceremony: 09:00 – 10:00

Track 1.1 (10:15 – 11:35): Protein & Prognostic Biomarkers

Track 1.3 (11:40 – 12.50): Biomarkers for Human Diseases

Track 1.2 (13:50 – 15:55): Cancer Biomarkers: Emerging Biomarkers in Breast Cancer & Prostate Cancer Biomarkers

Track 1.4 (16:00 – 17:30): Protein & Prognostic Biomarkers

Lunch: 12.50-13.50

Meeting Room 2

Track 2 (i) (ii) (10:15 – 12:00): Cancer Science & Therapy
Biomarkers in Endocrinology & Metabolism

Track 2 (iii) (iv) (12:05 – 14:35): Cardiovascular Diseases: Research & Therapy
Advancements in Clinical Rese

Track 2 (v) (vi) (14:50 – 17:00): Transplantation Immunology
Central Nervous System

Lunch: 12:50-13:50

Conference Dinner: 19:00-21:00

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Meeting Room-1

Track 3 (09:00 – 10:30): OMICS Technologies in Biomarkers Discovery & Validation

Track 4 (10:45 - 12:55): Biomarkers in Drug Discovery

Lunch: 12:55-13:55

Track 5 (i) (ii) (13:55 - 15:55): Enabling Technologies to Maximize Biomarker Identification
Perspectives on Biomarkers and Personalized Medicine

Conference Dinner: 19:00-21:00

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Meeting Room 1

09:00- 10:00: Opening Ceremony

Track 1-1: **Protein & Prognostic Biomarkers**

10:15-10:20: *Session Introduction*

10:20-10:40: **Title: ProAdrenomedullin: Prognostic Marker for more rational management of patients with Sepsis and Pneumonia**

Dr. Philipp Schuetz, University Hospital Basel, Switzerland

10:40-11:00: **Title: Signature molecular biomarkers of prognosis of gastric adenocarcinoma: A study of 114 cases using genome-wide technique and FISH**

Dr. Dongfeng Tan, University of Texas, MD Anderson Cancer Center, USA

11:00-11:20: **Title: Nanotechnology for Cancer Biomarker Discovery**

Dr. Steven S. Smith, Beckman Research Institute of the City of Hope, USA

11:20-11:25: *Panel Discussion*

11:25-11:40: ***Coffee Break***

Track 1-3: **Biomarkers for Human Diseases**

11:40-11:45: *Session Introduction*

11:45-12.05: **Title: Network Biology: Network markers of disease – examples in human colorectal cancer**

Dr. Rod K. Nibbe, Case Western Reserve University, USA

12:05-12:25: **Title: Measurement of Angiogenesis Promotors and Cytokines Concentrations in Intraocular Fluid of Patients with Proliferative Diabetic Retinopathy**

Dr. Jindra Vrzalova, Immunoanalytic Laboratory and Eye Department of University Hospital and Medical Faculty in Pilsen, Czech Republic

12:25-12:45: **Title: N-glycomics biomarker: new test for human ageing and age-related diseases?**

Dr. Cuiying Chitty Chen, Ghent University, Belgium

12:45-12:50: *Panel Discussion*

12:50-13:50: ***Lunch Break***

Track 1-2: **Cancer Biomarkers: Emerging Biomarkers in Breast Cancer & Prostate Cancer Biomarkers**

13:50-13:55: *Session Introduction*

13:55-14:15: **Title: Copro-antiapoptotic protein survivin and lactoferrin biomarkers for improved detection and monitor anti-cancer therapy in colorectal cancer**

Dr. Jagat Kanwar, Institute for Technology & Research Innovation (ITRI), Deakin University, Australia

14:15-14:35: **Title: Lipocalin 2, a biomarker and therapeutic target for breast cancers**

Dr. Yun Wu, University of Texas M. D. Anderson Cancer Center, USA

14:35-14:55: **Title: Auto-antibody signatures for disease diagnosis in cancer and autoimmune diseases**

Dr. Stefan Muellner, Protagen AG, Germany

14:55-15:10: ***Coffee Break***

15:10-15:30: **Title: Phosphoproteomic Profiling of signaling pathways in Tumor Cells by Multiplex Suspension Arrays**

Dr. Imran H. Khan, University of California at Davis, USA

15:30-15:50: **Title: The studies on serum peptidome profiling as possible biomarker of cancer**

Dr. Yaping Tian, Department of Clinical Biochemistry, Chinese PLA General Hospital, China

15:50-15:55: *Panel Discussion*

Track 1-4: **Blood Biomarkers: Serum Biomarkers & Blood Cells RNA Biomarkers**

16:00-16:05: *Session Introduction*

16:05-16:25: **Title: Adiponectin as a Biomarker for Impaired Fasting Glucose among Non-Obese Populations**

Dr. Sun Ha Jee, Yonsei University, Korea

16:25-16:45: **Title: miRNA biomarker for ovarian cancer screening**

Dr. Matthias Scheffler, Febit holding gmbh, Germany

16:45-17:05: **Title: Procalcitonin: Marker & Mediator in Sepsis & Guide for Antibiotic Therapy in Respiratory Infections**

Dr. Philipp Schuetz, University Hospital Basel, Switzerland

17:05-17:25: **Title: Diagnostic Utility of Procalcitonin as a Biomarker of Sepsis**

Dr. Mina Hur, Konkuk University School of Medicine, Korea

17:25-17:30: *Panel Discussion*

Meeting Room 2

Track 2(i): **Cancer Science & Therapy**

Track 2(ii): **Biomarkers in Endocrinology & Metabolism**

10:15-10:20: *Session Introduction*

10:20-10:40: **Title: Advances and Challenges in Cancer Genomics and Transcriptomics**

Dr. Dhara Macdermed, Scripps Clinic/ Scripps Green Hospital, USA

10:40-11:00: **Title: Role of Rapamycin in Tumorigenesis**

Dr. Samy L Habib, University of Texas, USA

11:00-11:15: *Coffee Break*

11:15-11:35: **Title: Aberrant crypt foci as a biomarker of colonic neoplasia: Role in cancer prevention**

Dr. Ranjana Bird, University of Windsor, Canada

11:35-11:55: **Title: MBDP Metabolic Biomarkers Discovery Project**

Dr. Vladimir V. Tolstikov, UC Davis Genome Center, USA

11:55-12:00: *Panel Discussion*

Track 2(iii): Cardiovascular Diseases: Research & Therapy

Track 2(iv): Advancements in Clinical Research

12:05-12:10: *Session Introduction*

12:10-12:30: **Title: Blocking of IGF-1R signaling by a novel quinazoline derivative (LJJ-30) inhibits metastasis and induces mesenchymal-epithelial transition in osteosarcoma cells**

Dr. Jing-Gung Chung, Department of Biological Science and Technology, China Medical University, Taiwan

12:30-12:50: **Title: Biomarkers in Cancer Chemoprevention**

Dr. Anna Tompa, Semmelweis Medical University, Hungary

12:50-13:50: *Lunch Break*

13:50 -14:10: **Title: RNAi-mediated downregulation of UHRF1 results in decreased human breast cancer cell growth**

Dr. Feng Yan, Jiangsu Institute of Cancer Prevention and Cure, PR China

14:10-14:30: **Title: Interpretation of biomarkers with help of computer program - yes or no?**

Dr. Ondrej Topoclan, Medical faculty of Charles University, Czech Republic

14:30-14:35: *Panel Discussion*

14:35-14:50: *Coffee Break*

Track 2(v): Transplantation Immunology

Track 2(vi): Central Nervous System

14:50-14:55: *Session Introduction*

14:55-15:15: **Title: The Determination of Serum and Cerebrospinal Fluid Visin like protein-I Utilized in the Diagnostics of the stroke– A Pilot Study**

Dr. David Stejskal, Central Moravian hospital county Inc, Czech Republic

15:15-15:35: **Title: Membrane Plasmalogen Augmentation as a New Strategy for Treating Alzheimer's Disease**

Dr. Paul Wood, President & CEO, Phreedom Pharma Inc, Canada

15:35-15:55: **Title: Biomarkers for Stroke Subgroups in Blood**

Dr. Dazhi Liu, University of California at Davis, USA

15:55-16:15: **Title: Application of biomarkers for the personalized management of neurological disorders**

Dr. Kewel K. Jain, Jain PharmaBiotech, Switzerland

16:15-16:35: **Title: Diagnostic Biomarkers for Traumatic Brain injury; from proteomics, systems biology, animal studies to clinical validation**

Dr. Kevin K. W. Wang, Center of Innovative Research, BANYAN BIOMARKERS Inc, USA

16:35-16:55: **Title: TIP-1 as one biomarker of tumor progression and radiation sensitivity within malignant glioma**

Dr. Zhaozhong Han, Vanderbilt University School of Medicine, USA

16:55-17:00: *Panel Discussion*

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Meeting Room-1

Track 3: Recent Advances in Chiral Spectroscopy for Pharmaceuticals

9:00-9:10: *Session Introduction*

9:10-9:30: **Title: Extended Approach for Constructing and Analyzing Tracts of Homozygosity**

Dr. Li Zhang, Case Western Reserve University, USA

9:30-9:50: **Title: Plasma proteomics and CAD**

Dr. Madhu Khullar, Post Graduate Institute of Medical Education & Research, Chandigarh, India

9:50-10:20: **Title: Salivary metabolomic profiles for oral, breast, and pancreatic cancer detection**

Dr. Masahiro Sugimoto, Institute for Advanced Biosciences, Keio University, Japan

10:20-10:30: *Panel Discussion*

10:30-10:45: *Coffee Break*

Track- 4: Biomarkers in Drug Discovery

10:45-10:55: *Session Introduction*

10:55-11:15: **Title: Biomarkers in Drug Discovery**

Dr. AlaaEddeen M. Seufi, Dept of Entomology, Cairo University, Egypt

11:15-11:35: **Title: Use of biomarkers in discovery of novel anti-schizophrenia drugs**

Dr. Jens Mikkelsen, Director, CNS Research, NeuroSearch A/S, USA

11:35-11:55: **Title: IGFBPs: potential biomarkers and therapeutic targets for trastuzumab-resistance**

Dr. Wen Jin Wu, Principal Investigator, Division of Monoclonal Antibodies, U.S. Food and Drug Administration, USA

11:55-12:15: **Title: Monototal - Prognosis a Kontrola LÉČBY Patients with Non Small Cell Lung Cancer (NSCLC)**

Dr. Inka Treskova, Faculty Hospital and Medical School in Pilsen, Czech Republic

12:15-12:35: **Title: Utilization of Hotspot Oncomutations as Early Indicators of Cancer Risk**

Dr. Megan B. Myers, U.S. Food and Drug Administration, USA

12:35-12:55: *Panel Discussion*

12:55-13:55: *Lunch Break*

Track-5(i): **Enabling Technologies to Maximize Biomarker Identification**

Track-5(ii): **Perspectives on Biomarkers and Personalized Medicine**

13:55-14:05: *Session Introduction*

14:05-14:25: **Title: Quasi-alignment Approaches in Genetic Biomarker Modeling with Extensible Markov Model**

Dr. Rao Mallik Kotamarti, Southern Methodist University, Texas, USA

14:25-14:45: **Title: Iron oxide particles for molecular MRI and potential clinical applications?**

Dr. Eyk Schellenberger, Institute of Radiology, Charité – Universitätsmedizin Berlin, Germany

14:45-15:05: **Title: Non-cross-linking aggregation of DNA-modified Au nanoparticles for DNA/RNA sensing**

Dr. Mizuo Maeda, Bioengineering Laboratory, RIKEN Institute, Japan

15:05-15:25: **Title: Multimodality Imaging for Direct Quantification of myelination in the Vertebrate Nervous System**

Dr. Yanming Wang, Case Western Reserve University, School of Medicine, USA

15:25-15:45: **Title: EPMA as the European Coordinator in the field of Personalized Medicine**

Dr. Ondrej Topolcan, Charles University – Prague, Czech Republic

15:45-15:55: *Panel Discussion*

15:55-16:05: *Coffee Break*