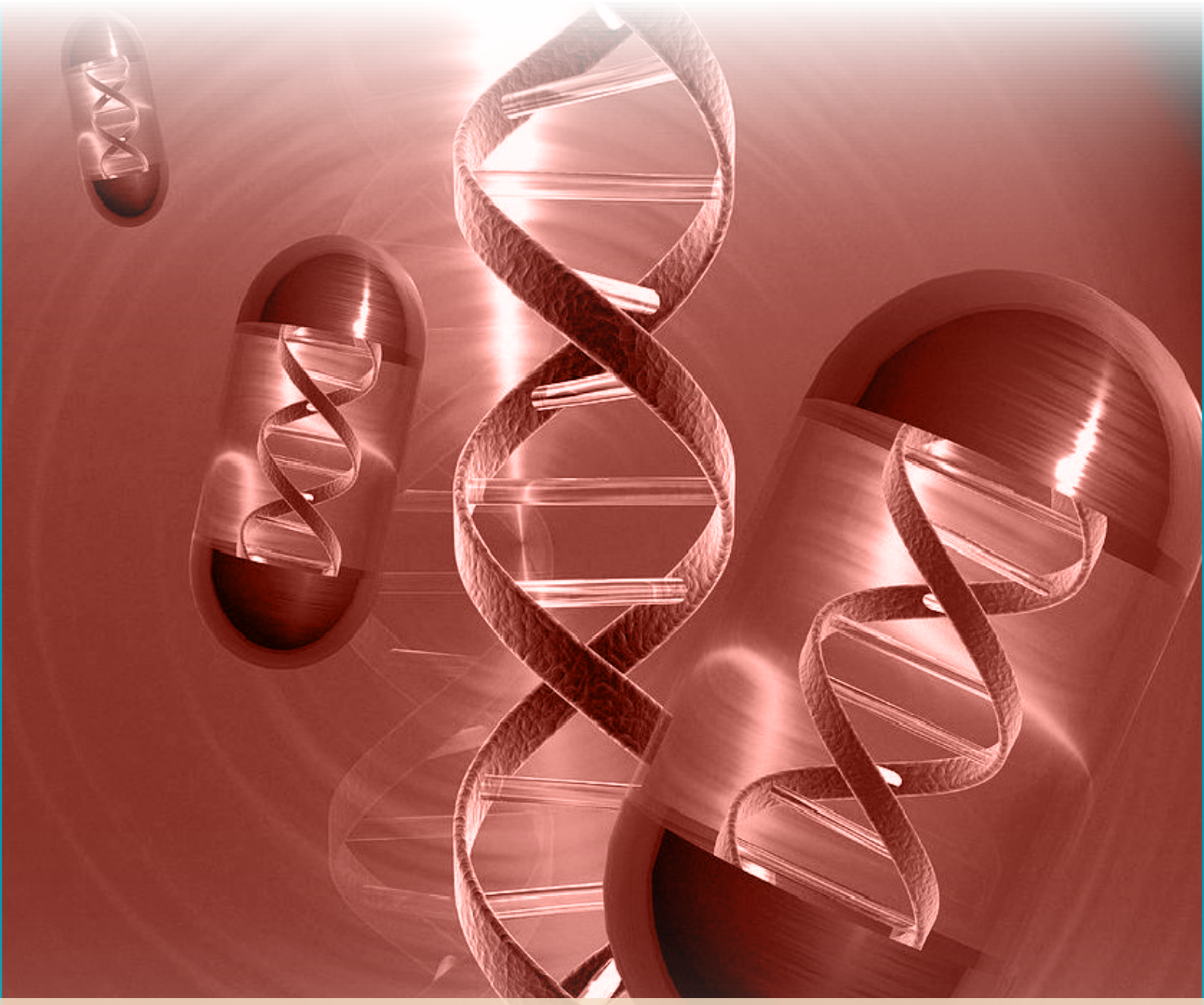
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Scientific Program

4th International Conference on

Translational Medicine

October 26-28, 2015 Baltimore, USA



OMICS International Conferences:
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Scientific Program

Day 1 October 26, 2015

08:00-09:00 Registrations

Chesapeak Hall

09:00-09:30 **Opening Ceremony**

Keynote Forum

Introduction

09:30-10:10 **Alina Borkowska**
Nicolaus Copernicus University in Torun, Poland

10:10-10:50 **Alexander Melerzanov**
Moscow Institute of Physics and Technology, Russia

Networking & Refreshments 10:50-11:10 @ Foyer

Group Photo

Track 4: Translational Therapeutics and Technologies
Track 5: Translational Modeling of Efficacy and Safety
Track 8: Clinical and Translational Oncology
Track 9: Immunology and Infectious Diseases

Session Chair: Sergey Suchkov, Moscow State Medical University, Russia
Session Co-Chair: Jan Scicinski, EpicentRx Inc., USA

Session Introduction

11:10-11:35 **Antibody-proteases as promising tools of novel generation to be translated into clinical practice for having multistep (subclinical and clinical) demyelination monitoring secured**
Sergey Suchkov, I M Sechenov First Moscow State Medical University, Russia

11:35-12:00 **Use of engineered mesenchymal stem cells against cancer**
Isabelle de Waziers, Paris Descartes University, France

12:00-12:25 **Identification of genetic variations associated with outcome risk in colorectal cancer: Where are we now?**
Sevtap Savas, Memorial University of Newfondland, Canada

12:25-12:50 **RRx-001, a novel ROS-mediated epigenetic modulator: 'Episensitization' to previously failed therapies**
Jan Scicinski, EpicentRx Inc., USA

Lunch Break 12:50-13:50 @ Eden's Landing Restaurant

13:50-14:15 **From chromosomal instability to metastases- H19's role in cancer progression and its clinical significance**
Eli Raveh, Hebrew University of Jerusalem, Israel

14:15-14:40 **Survivin si-RNA nano particles are capable of inhibiting cancer cell growth both *in vitro* and *in vivo***
Suoqin Tang, PLA General Hospital, China

14:40-15:05 **Subsets of regulatory T cells and their roles in allergy**
Huiyun Zhang, Liaoning Medical University, China

15:05-15:30 **Validating the efficacy of the human embryonic stem cell (hESC) therapy in cerebral palsy patients**
Geeta Shroff, Nutech Mediworld, India

Networking & Refreshments 15:30-15:50 @ Foyer

15:50-16:15 **Potential clinical applications PG2 (Astralagus polysaccharide) in cancer related fatigue and immune modulation**
Chi-Tai Yeh, Tapei Medical University-Shuang Ho Hospital, Taiwan

16:15-16:40 **Treatment of CD20-directed chimeric antigen receptor-modified T cells in patients with relapsed or refractory B-cell Non-Hodgkin lymphoma: A early phase IIa trial report**
Wei-Dong Han, Chinese PLA General Hospital, China

16:40-17:05 **Expressing membrane antibody reporter in the islet cells of non-obese diabetic mice to non-invasive image the disease progression of autoimmune diabetes**
Kuo-Hsiang Chaung, Taipei Medical University, Taiwan

17:05-17:30 **Mechanisms involved in memory promoting effect of Jobelyn ® in mice exposed to unpredictable chronic mild stress**
Solomon Umukoro, University of Ibadan, Nigeria

Panel Discussion

Day 2 October 27, 2015

Chesapeak Hall

Keynote Forum

09:30-10:10 **Sergey Suchkov**
I M Sechenov First Moscow State Medical University, Russia

10:10-10:50 **Rajendra Bhimma**
University of KwaZulu-Natal, South Africa

Networking & Refreshments 10:50-11:10 @ Foyer

Track 1: Biomarkers in Translational Medicine
Track 3: Translational Cardiology and Vascular Medicine
Track 6: Clinical Epidemiology

Session Chair: Sevtap Savas, Memorial University of Newfondland, Canada
Session Co-Chair: Rajendra Bhimma, University of KwaZulu-Natal, South Africa

Session Introduction

11:10-11:35 **Postoperative cognitive dysfunctions after cardiac operations**
Alina Borkowska, Nicolaus Copernicus University in Torun, Poland

11:35-12:00 **Novel therapeutic approach of using high DHA omega-3 fatty acids to prevent vaso occlusive crisis in patients with sickle cell disease**
Ahmed Daak, Sancilio & Company Inc., USA

12:00-12:25 **Urinary tract infection in children: A changing paradigm**
Rajendra Bhimma, University of KwaZulu-Natal, South Africa

12:25-12:50 **Telomere length and lifestyle factors in breast cancer patients**
Kaoutar Ennour-Idrissi, Laval University, Canada

Lunch Break 12:50-13:50 @ Eden's Landing Restaurant

13:50-14:15 **New marker of metabolic syndrome**
David Stejskal, Agel Research and Training Institute, Czech Republic

14:15-14:40 **Lung neuroendocrine tumors: Correlation of ubiquitinylation and sumoylation with nucleo-cytosolic partitioning of *PTEN***
Alex Soltermann, University Hospital of Zurich, Switzerland

14:40-15:05 **Initial approach on the characterization of cardio-mesenchymal stem cells**
Jose R Navvaro, Panamerican University School of Medicine, Mexico

15:05-15:30 **Hr–HPV: Distribution of high risk human papillomavirus strains in young women of KwaZulu-Natal, South Africa: Implications for vaccination**
ZL Mkhize Kwitshana, Mangosuthu University of Technology, South Africa

15:30-15:55 **Translational research and development of drugs :Translatability assessment**
Martin Wehling, University of Heidelberg, Germany

Networking & Refreshments15:55-16:15 @ Foyer

Poster Presentations @ 16:15-17:15

Panel Discussion

Day 3 October 28, 2015

Chesapeak Hall

Track 2: Role of Translational Research in Blood Disorders
Track 7: Translational of Animal Models to Clinic
Track 10: Advances in Translational Medicine

Session Chair: Ahmed Daak, Sancilio & Company Inc., USA

Session Co-Chair: Zijun Zhang, MedStar Union Memorial Hospital, USA

Session Introduction

09:30-09:55 **A phase 3 study of L glutamine therapy for sickle cell anemia and sickle ß0-thalassemia**
Yutaka Niihara, Dawvid Geffen School of Medicine at UCLA, USA

09:55-10:20 **The concept of recycling translational medicine**
Seung Eun Choi, Healthcare Company, Korea

10:20-10:45 **TSG-6 induces liver regeneration by enhancing autophagy in mice with chronic liver damage**
Youngmi Jung, Pusan National University, Korea

Networking & Refreshments10:45-11:05 @ Foyer

11:05-11:30 **Implantation of autologous adipose tissue-derived mesenchymal stem cells in foot fat pad in rats**
Zijun Zhang, MedStar Union Memorial Hospital, USA

11:30-11:55 **Extraction and characterization of bioactives from marine sources; A concept of modern research and drug discovery**
Hafiz Ansar Rasul Suleria, University of Queensland, Australia

11:55-12:20 **Evaluating the role of indirect bilirubin and urobilinogen as an alternative screening tool for beta thalassemia minor**

Ridham Khanderia, Pandit Deendayal Medical College, India

Lunch Break: 12:20-13:20 @ Eden's Landing Restaurant

Panel Discussion

Closing & Award ceremony

Bookmark your dates

5th International Conference on

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