135th OMICS Group Conference

Scientific Program

OMICS Group Conferences
Accelerating Scientific Discovery

International Conference on
Hematology & Blood Disorders

September 23-25, 2013
DoubleTree by Hilton Hotel Raleigh-Durham Airport at RTP, NC, USA



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OMICS Group Conferences
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Day 1 September 23, 2013

07:30-08:30 **Registrations**

Orchid/Azalea

OMICS Group Conferences
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08:30-09:00 **Opening Ceremony**

Keynote Forum

09:00-09:05 **Introduction**

09:05-09:30 **Owen A. O' Connor**
The Center for Lymphoid Malignancies, USA

09:30-09:55 **Joseph A. Trapani**
Peter MacCallum Cancer Center, Australia

09:55-10:20 **Prithviraj Bose**
Virginia Commonwealth University, USA

Felicitation to OCM's and EB Members

Group Photo

Track 1: Types of Hematological Disorders

Session Chair: Charles Greenberg, Medical University of South Carolina, USA

Session Co-Chair: Aref Al - Kali, Mayo Clinic, USA

Session Introduction

10:20-10:40 Role of whole blood coagulation assays for management of bleeding disorders
Charles S. Greenberg, Medical University of South Carolina, USA

Coffee Break 10:40-10:55 @ Oak

10:55-11:15 Transdermal iron replenishment therapy
S. Narasimha Murthy, University of Mississippi, USA

11:15-11:35 Review and update in the management of Myelodysplastic Syndrome (MDS)
Aref Al-Kali, Mayo Clinic, USA

11:35-11:55 Anemia in pregnancy & parenteral iron therapy
Raul H. Morales-Borges, American Red Cross, USA

11:55-12:15 A combination of Tetrandrine and Chloroquine effectively treats chloroquine resistant falciparum malaria (human) in *Aotus* monkeys
Knox Van Dyke, West Virginia Medical School, USA

12:15-12:35 Risk factors for intracranial haemorrhage in autoimmune thrombocytopenia
John Batchelor, Manchester Royal Infirmary, UK

Lunch Break 12:35-13:15 @ Oak

13:15-13:35 Neonatal thrombocytopenia and intracranial haemorrhage
Mohamed Khalil, Central Manchester Foundation Trust, UK

13:35-13:55 Idiopathic thrombocytopenic purpura
V. Satya Suresh Attili, Clinsync, India

13:55-14:15 Impact of circulating erythrocyte-derived microparticles on coagulation activation in sickle cell disease
Rania Zayed, Cairo University, Egypt

14:15-14:35 β-Thalassemia and coronary artery disease
M J Zibaeenezhad, Shiraz Medical University, Iran

Panel Discussion

Track 2: Diagnosis, Treatment and Management of Blood Disorders
Track 3: Blood Groups

Session Chair: Qizhen Shi, Medical College of Wisconsin, USA

Session Co-Chair: Douglas K. Graham, University of Colorado Anschutz Medical Campus, USA

Session Introduction

14:35-14:55 Platelet-targeted gene therapy of Hemophilia A and B
Qizhen Shi, Medical College of Wisconsin, USA

14:55-15:15 MerTK receptor Tyrosine Kinase is a therapeutic target in acute myeloid leukemia
Douglas K. Graham, University of Colorado Anschutz Medical Campus, USA

15:15-15:35 New challenges in anticoagulation therapy: Protein S
Tal Burstyn-Cohen, The Hebrew University of Jerusalem, Israel

Coffee Break 15:35-15:50 @ Oak

15:50-16:10 Emerging role of genetic studies in diagnosis of hemoglobin and red cell disorders
Mudra Kohli Kumar, University of South Florida, USA

16:10-16:30 **Thrombotic thrombocytopenic purpura: Disease pathogenesis, laboratory monitoring and current treatment strategies**
Jay S. Raval, University of North Carolina at Chapel Hill, USA

16:30-16:50 **Cell adhesion as a therapeutic target in acute lymphoblastic leukemia**
Enzi Jiang, University of Southern California, USA

16:50-17:10 **The genetic predisposition for familial haematological malignancies**
Elizabeth Tegg, University of Tasmania, Australia

17:10-17:30 **Research and development of the effective components of Panaxdiol saponin as new Chinese patent medicine for treating hemocytopenia**
Rui-lan Gao, The First Affiliated Hospital of Zhejiang Chinese Medical University, China

17:30-17:50 **Conventional and molecular cytogenetics in pediatric B-lineage Acute lymphoblastic leukemia**
Mohit Chowdhry, Indra Prastha Apollo Hospital, India

Panel Discussion

17:50-18:50 Cocktails Sponsored by **Journal of Blood Disorder & Transfusion @ Oak**

Day 2 September 24, 2013

Orchid/Azalea

Keynote Forum

09:30-09:35 **Introduction**

09:35-10:00 **Joy G. Mohanty**
National Institute of Aging, NIH, USA

10:00-10:25 **Dale Christensen**
Oncotide Pharmaceuticals, USA

Track 4: Blood Groups
Track 5: Blood Cell Markers and Surface Proteins
Track 6: Immune Cells of the Blood

Session Chair: Raul H. Morales-Borges, American Red Cross, USA
Session Co-Chair: Zaccheaus A. Jeremiah, Niger Delta University, Nigeria

Session Introduction

10:25-10:45 **Dengue virus: From basics to new technology in testing & transfusion safety**
Raul H. Morales-Borges, American Red Cross, USA

Coffee Break 10:45-11:00 @ Oak

11:00-11:20 **Red Blood Cell (RBC) oxidative stress contributes to reduced RBC deformability and oxygen delivery leading to the occurrence of anemia**
Joy G. Mohanty, National Institute on Aging, NIH, USA

11:20-11:40 **G- Protein coupled receptors control neutrophil chemotaxis**
Xuehua Xu, National Institute of Allergy and Infectious Diseases, NIH, USA

11:40-12:00 **HoxA3 function during blood development**
Michelina Iacovino, University of California Los Angeles, USA

12:00-12:20 **Blood borne infections: A continued public health threat**
Madhuri M. Sopirala, University of Cincinnati Health, USA

12:20-12:40 **Tissue homing of inflammatory neutrophils during sepsis is mediated by integrin VLA-3 (CD49c/CD29)**
Pranita P. Sarangi, National Institute of Dental and Craniofacial Research, NIH, USA

Lunch Break 12:40-13:20 @ Oak

13:20-13:40 **Calcium uptake in red blood cells of sickle cell disease patients as a new potential pharmacological target**
Anna Bogdanova, University of Zurich, Switzerland

13:40-14:00 **Maturation, migration, and homeostasis of murine $CD4^+$ pre-thymic emigrants**
Qing Ge, Peking University Health Science Center, China

14:00-14:20 **SLE as a hematological problem**
P. K. Sasidharan, Calicut Medical College, India

14:20-14:40 **Impact of short term anti-retroviral therapy on some fibrinolytic markers in HIV infected Nigerian adults**
Zaccheaus A. Jeremiah, Niger Delta University, Nigeria

Panel Discussion

14:40-15:30 **Poster Presentations**

Coffee Break 15:30-15:45 @ Oak

17:00-18:00 Cocktails Sponsored by **Journal of Blood & Lymph @ Oak**

Day 3 September 25, 2013

Orchid/Azalea Ballroom

Track 8: Hematologic Malignancies
Track 9: Thrombosis and Hemostasis

Session Chair: Gabriela Gheorghe, Medical College of Wisconsin, USA
Session Co-Chair: Mary J. Heeb, The Scripps Research Institute, USA

Session Introduction

09:30-09:50 **Maintenance of $CD34^+$ AML progenitor cells utilizing RepSox and tumor microenvironment cues**
Laura F. Gibson, Mary Babb Randolph Cancer Center of West Virginia University School of Medicine, USA

09:50-10:10 **CNS postransplant lymphoproliferative disorders: Diagnostic challenges**
Gabriela Gheorghe, Medical College of Wisconsin, USA

10:10-10:30 **Natural mechanisms that combat thrombosis, especially the protein C system**
Mary J. Heeb, The Scripps Research Institute, USA

10:30-10:50 **The selective targeting of cell survival pathways in acute myeloid leukemia**
Mark A. Guthridge, Monash University, Australia

Coffee Break 10:50-11:05 @ Oak

11:05-11:25	**A meta-analysis of published CD 5 negative mantle cell lymphoma cases** **Hussain Naseri**, Roger Williams Medical and Cancer Center, USA
11:25-11:45	**Emerging role of inhibitory regulators of the JAK/STAT pathway in myeloproliferative neoplasms pathogenesis** **Laura Velazquez**, U978 INSERM/Universite Paris 13, France
11:45-12:05	**Galactanomics: Marine glycans with differential actions in coagulation and thrombosis** **Vitor H. Pomin**, Federal University of Rio de Janeiro, Brazil
12:05-12:25	**Antipsychotics as a risk factor of venous thromboembolism: The great unknown** **Pablo Javier Marchena Yglesias**, Parc Sanitari Sant Joan de Deu Barcelona, Spain
12:25-12:45	**Identification of novel molecular markers for minimal residual disease assessment in Acute leukemia** **Sona Pekova**, CHAMBON, Czech Republic

Lunch Break 12:45-13:25 @ Oak

13:25-13:45	**Using omics approaches to address complex questions in hematopoietic malignancies** **Ji Zhang**, Shanghai Jiao Tong University School of Medicine, China
13:45-14:05	**Cortical vein thrombosis misdiagnosed and mismanaged** **P. K. Sasidharan**, Calicut Medical College, India
14:05-14:25	**Molecular and functional characterization of bone marrow derived mesenchymal stem cells from chronic myeloid leukemia patients** **Reem Jan Farid**, Cairo University, Egypt
14:25-14:45	**Genetic imprints in blast morphology: A visual signature of hidden recurrent genetic abnormalities in acute leukemia** **Biswadip Hazarika**, Gulf Medical University, UAE
14:45-15:05	**Molecular characterization of factor V Leiden G1691A and prothrombin G20210A mutations in Saudi females with recurrent pregnancy loss** **Gihan E-H Gawish**, King Saud University, Saudi Arabia
15:05-15:25	**Autophagy in chronic lymphocytic leukaemia, molecular regulation and crosstalk with deregulated apoptosis** **Eman A. Farrag**, Alexandria University, Egypt

Panel Discussion

Award Ceremony

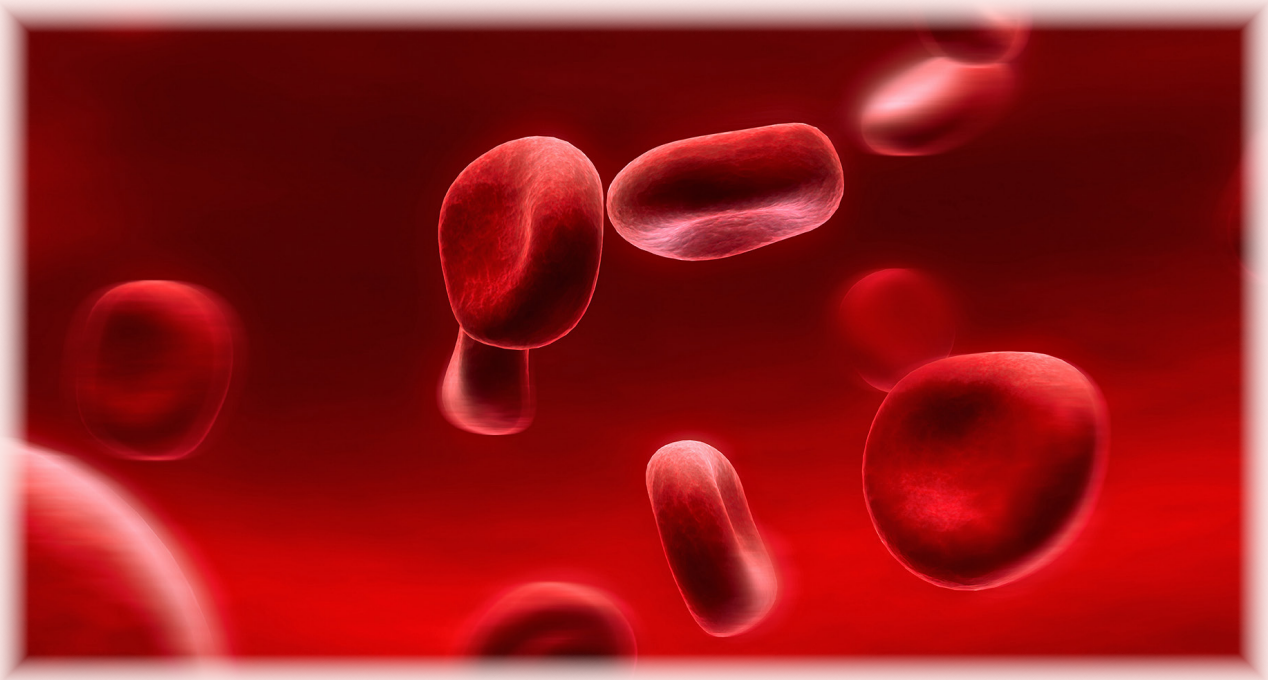
Coffee Break 15:25-15:40 @ Oak

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OMICS Group Conferences
Accelerating Scientific Discovery

2nd International Conference on
Hematology & Blood Disorders

September 29 - Ocotber 01, 2014 Baltimore, USA



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