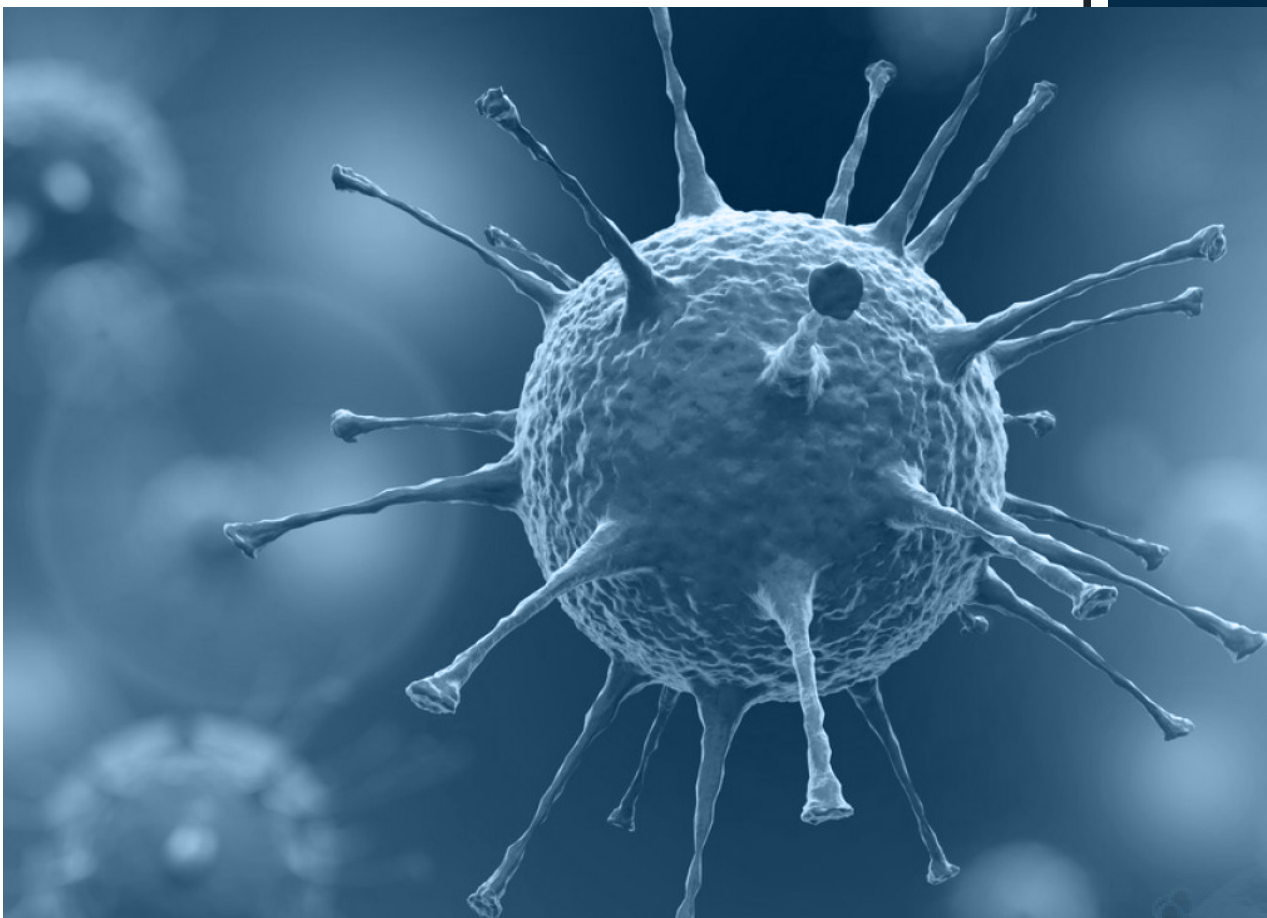


Scientific Program

International Conference on
Retroviruses & Novel Drugs

Chicago, USA June 08-09, 2015

258th OMICS International Conference



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Berlin



09:15-09:40

Opening Ceremony

Keynote Forum

09:40-09:45 Introduction

09:45-10:15 Regulation of Raf kinase as predictor for therapeutic effects

Karin Moelling, University of Zurich, Switzerland

10:15-10:45 Retroviruses and the RW Genome

James A. Shapiro, Department of Biochemistry and Molecular Biology
University of Chicago, USA

Coffee Break: 10:45-11:00 @ Foyer

11:00-11:30 Novel methodology and drug to treat HIV-mycobacterium co-infection

Prabakaran Narayanasamy, University of Nebraska, USA

Track 1: Early Evolution

Track 2: Retroviral Diseases and Antivirals

Track 3: Retroviral Co-infections

Track 4: Viral Pathogenesis

Session Chair: Donatien Mavoungou, University of Health Science, Gabon

Session Co-chair: Prabakaran Narayanasamy, University of Nebraska, USA

Session Introduction

11:30-11:55 ImmunorexTM as vaccine approach by its ability to inhibit HIV-1 and co-infecting pathogens: The role of its Lipid fraction carrier

Donatien Mavoungou, University of Health Science, Gabon

11:55-12:20 Surveillance of Transmitted HIV Drug Resistant among voluntary counseling and testing centers clients in Gondar Town, Ethiopia

Dawit Assefa, Ethiopian Public Health Institute, Ethiopia

12:20-12:45 Protein Phosphatase-1 as a Target for Antiviral Small Molecules against HIV-1 Infections

Sergei Nekhai, Center for Sickle Cell Disease Howard University, USA

12:45-13:10 Viral evolution in the gut reservoirs from SIV-infected long-term nonprogressing Chinese rhesus macaques on combination antiretroviral therapy

Binhua Ling, Tulane National Primate Research Center, USA

Lunch Break: 13:10-14:00 @ Athens

Track 5: Exogenous & Endogenous Retroviruses

Track 6: Viral RNA Synthesis and Trafficking

Track 7: Gene therapy

Track 8: Cancer Virology

Session Chair: James A. Shapiro, Department of Biochemistry and Molecular Biology University of Chicago, USA

Session Co-chair: Lu tao, Cancer Center Indiana University School of Medicine, Indianapolis

Session Introduction

14:00-14:25 VBIM technology identifies adenomatous polyposis coli like protein (ALP) as a novel negative regulator of NF- κ B
Lu tao, Cancer Center Indiana University School of Medicine, Indianapolis14:25-14:50 A Reverse Transcriptase-dependent mechanism is active in embryo development and in tumorigenesis
Corrado Spadafora, CNR Institute of Translational Pharmacology, Italy

14:50-15:15 **Viral and host factors regulating the annealing of primer tRNALys3 to HIV-1 genomic RNA**

Lawrence Kleiman, Lady Davis Institute for Medical Research Jewish General Hospital, Canada

Coffee Break: 15:15-15:30 @ Foyer

15:30-15:55 **Tuberculosis lymphadenitis in southwest Ethiopia: A community based cross-sectional study**

Jaffer shiffa, Consultant Internist Jimma University, Ethiopia

15:55-16:20 **Associations between insertional polymorphisms of human endogenous retrovirus K113 and K115 and breast cancer risk in African American and European American women.**

Li Tang, Roswell Park Cancer Institute, USA

16:20-16:45 **Immunochemical Testing Method for Hepatitis B, C in Blood Donors**

Olabowale Adefolake Omolade, Olabisi Onabanjo University, Nigeria

Day 2

June 09, 2015

Berlin

Track 9: HIV Host Interactions

Track 10: Current HIV Researches and Treatment

Track 11: Antiretroviral Drug Discovery & Development

Track 12: Current Research on Retrovirus

Track 13: Novel Therapeutic Approaches

Session Chair: Harold C. Smith, University of Rochester School of Medicine and Dentistry, USA

Session Co-chair: David Harrich, QIMR Berghofer Medical Research Institute, Australia

Session Introduction

09:15-09:40 **Inhibiting HIV-1 reverse transcription by target the reverse transcription complex**

David Harrich, QIMR Berghofer Medical Research Institute, Australia

09:40-10:05 **Drug Leads that Inhibit Vif and Enable APOBEC3G are Broadly Neutralizing of HIV1 Clades and Drug-resistant Strains**

Harold C Smith, University of Rochester School of Medicine and Dentistry, USA

10:05-10:30 **Assessment of client satisfaction and adherence on art services in Jimma University specialized hospital, South West Ethiopia**

Hone Anagaw, Jimma University of Ethiopia, Ethiopia

Coffee Break: 10:30-10:45 @ Athens

10:45-11:10 **Temporal Trends in Clinical Characteristics and 12-months Outcome of Patient's enrolled in ART program during 2004 to 2012 in Dar es Salaam, Tanzania.**

David Sando, Dar es Salaam, Tanzania

11:10-11:35 **HIV Extracellular Tat: Myth or Reality?**

Corinne Treger, CEO BIOSANTECH, France

11:35-12:00 **Tat Oyi-based candidate therapeutic vaccine: a successful phase 1 clinical trial in HIV-1 infected patients**

Sonia Escaich, Executive Director BIOSANTECH, France

12:00-12:25 **Mechanism of multivalent nanoparticle encounter with HIV-1 for potency enhancement of peptide triazole virus inactivation**

Arangassery Rosemary Bastian, Northwestern University, USA

12:25-12:50 **Adherence to PMTCT antiretroviral therapy among HIV infected pregnant women in Area W Clinic, Francistown Botswana**

Ekwu B B Ochigbo, Stellenbosch University, South Africa

12:50-13:15 **Novel anti-retroviral drug targets: Interfering siRNA and mitochondrial TERT expression**

Joan Smith Sonneborn, University of Wyoming, USA

13:15-13:40 **Direct computerized translation of biological data into biological information is now feasible: The gains of digital signal processing-based bioinformatics techniques**

Norbert Nwankwo, Madonna University, Nigeria

Lunch Break 13:40-14:15 @ Athens

14:15-14:40 **Heme Inhibits HIV-1 Through the Induction of Heme Oxygenase 1, Ferroportin, IKB α and p21**
Namita Kumari, Center for Sickle Cell Disease Howard University, USA

14:40 -16:00 **Poster Presentation @ Athens**

Award Ceremony

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OMICS Group Inc.

2360 Corporate Circle, Suite 400
Henderson, NV 89074-7722, USA
Ph: +1-888-843-8169
Fax: +1-650-618-1417
contact@omicsgroup.com

OMICS International

5716 Corsa Ave., Suite 110, Westlake
Los Angeles, CA 91362-7354, USA
Ph: +1-650-268-9744
Fax: +1-650-618-1414
contact.americas@omicsonline.org

OMICS Group

SEZ Unit, Building No. 20, 9th Floor
APIIC Layout, HITEC City
Hyderabad-500081, Telangana, INDIA
Ph: 040-40131823, 040-47482222
contact.asiapacific@omicsonline.org

Toll free

USA & Canada: +1-800-216-6499
Australia: +1-800-651-097
Europe: 0805-080048