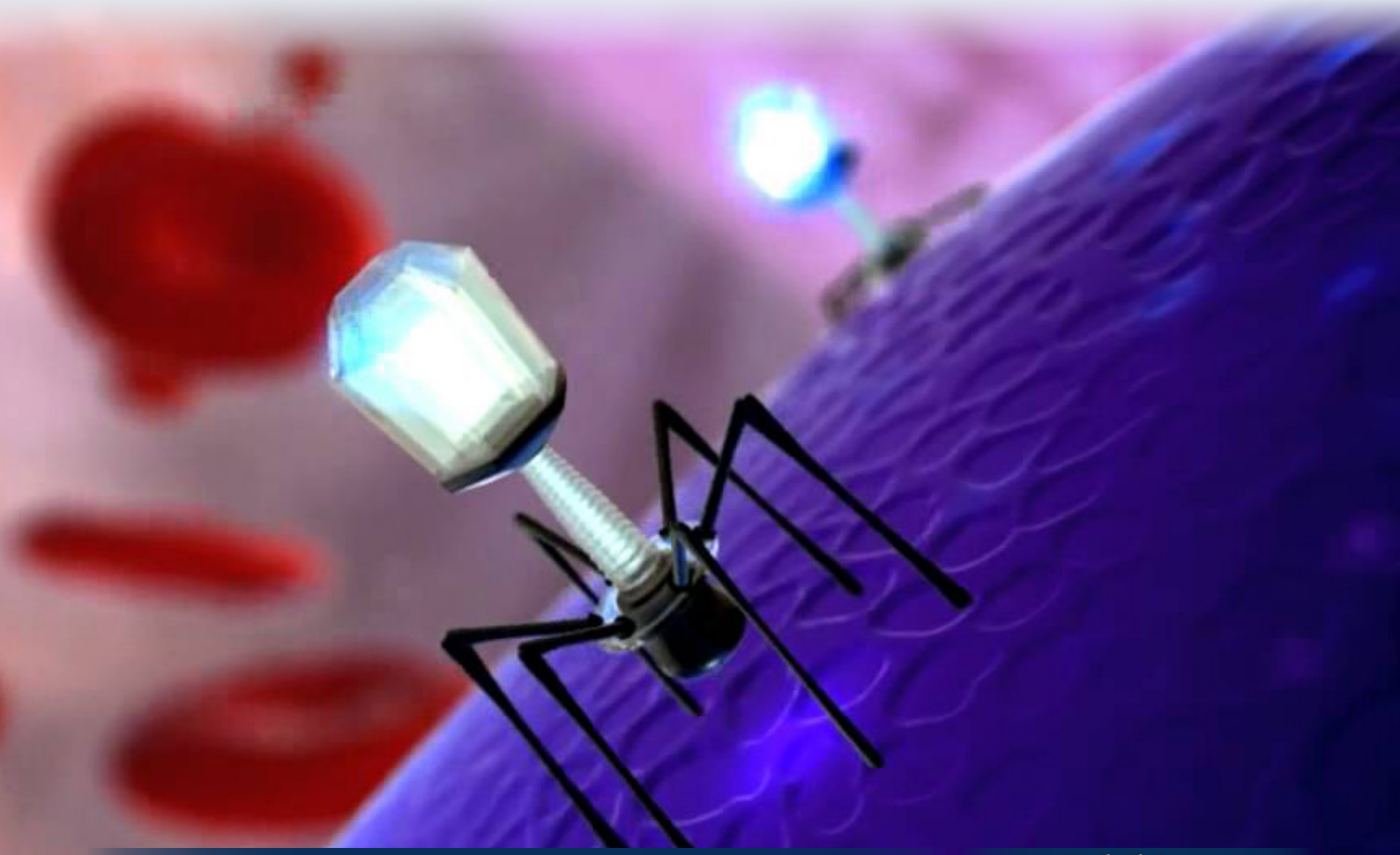
Scientific Program

OMICS Group Conferences
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4th World Congress on Virology

October 06-08, 2014 Hilton San Antonio Airport, TX, USA



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Day 1 October 06, 2014

08:00-09:00 Registrations

Texas D

09:00-09:25

Opening Ceremony

Keynote Forum

09:25-09:30 **Introduction**

09:30-09:55 **John Edwar Collony**
Institute of Molecular and Cellular Biology, USA

09:55-10:20 **Neal S Rote**
Case Western Reserve University, USA

10:20-10:45 **Ralph A Tripp**
University of Georgia, USA

10:45-11:10 **Sita Awasthi**
University of Pennsylvania, USA

Group Photo

Coffee Break 11:10-11:25 @ Ballroom Foyer

Track 1: General Viral Science
Track 2: Viral Breakout: Prevention and Measures

Session Chair: Sita Awasthi, University of Pennsylvania, USA

Session Co-Chair: Michael P. Underbrink, University of Texas Medical Branch, USA

Session Introduction

11:25-11:45 **Sendai virus: illuminating parainfluenza virus dynamics in living animals and a platform for vaccine development**
Charles Russel, St. Jude's Childern Research Hospital, USA

11:45-12:05 **Genetic code expansion in natural propagation for site-specific engineering and tracking of single adeno-associated viruses**
Chuanling Zhang, Peking University, China

12:05-12:25 **HIV tropism test in treatment-experienced patients from São Paulo and Santos cities, Brazil**
Shirley Komninakis, Federal University, São Paulo and Santos cities, Brazil

12:25-12:45 **Inhibition of enterovirus 71 entry by peptides targeting I β-sheet of VP1 protein**
Ming-Liang He, The Chinese University of Hong Kong, Hong Kong

12:45-13:05 **Influenza virus infection rise the temperature of cell**
Ayae Honda, Hosei University, Japan

13:05-13:25 **Genetic analyses of the function of PB1 subunit of the influenza virus RNA-dependent RNA polymerase**
Nguyen Trong Binh, Biotechnology center of Ho Chi Minh City, Vietnam

Lunch Break 13:25-14:25 @ Texas E

Track 3: Human Viral Diseases Affecting Afro-Asian Continents

Session Chair: Chuanling Zhang, Peking University, China

Session Co-Chair: Shirley Komninakis, Federal University, Brazil

Session Introduction

14:25-14:45 **Measles virus: Complications of infection and future threats from related veterinary viruses**
Louis cosby, Queen's University Belfast, UK

14:45-15:05 **Impact of A3B deletion polymorphism on HIV-1 susceptibility**
Kavita kakkar, Sanjay Gandhi Post Graduate Institute of Medical Sciences, India

15:05-15:25 **Frequency of oral lesions with Human Papilloma Virus and its genotypes in tobacco chewers: A cross sectional study**
Zil-e-Rubab, Ziauddin University, Pakisthan

Coffee Break 15:25-15:40 @ Ballroom Foyer

Track 4: HIV and Other Retroviral Diseases Affecting Afro-Asian Continents

Session Chair: Neal S. Rote, Case Western Reserve University, USA

Session Co-Chair: Gokul C. Das, Baylor College of Medicine, USA

Session Introduction

11:25-11:45 **IgG dose dictates outcome for passive immunization of macaques with polyclonal anti-SHIV IgG against challenge with heterologous tier 2 SHIV**
Anton sholukh, Texas Biomedical Research Institute, USA

11:45-12:05 **Intestinal and respiratory tract bacteria and yeasts in pathogenesis of AIDS**
Vladimir Zajac, Slovak Academy of Sciences, Slovakia

12:05-12:25 **The obligatory role of endogenous retroviruses in human pregnancy: An overview**
Neal S Rote, Case Western Reserve University, USA

12:25-12:45 **Dysregulation and interaction of metabolic pathways for glucose homeostasis, insulin signaling and autophagy in Hepatitis C Virus-induced insulin resistance and implication in therapeutic development**
Gokul C Das, Baylor College of Medicine, USA

12:45-13:05 **Human immunodeficiency virus type i neuropathogenesis in the age of combined antiretroviral therapy: The role of inflammation**
Amanda Brown, Johns Hopkins University School of Medicine, USA

13:05-13:25 **APOL1 risk variants predict histopathology and progression to ESRD in HIV-related kidney disease**
Arun Rajasekaran, Kasturba Medical College, India

Lunch Break 13:25-14:25 @ Texas E

14:25-14:45 **Molecular genetics of HIV-1 strains spreading in Russia**
Eduard Karamov, Ivanovsky Institute of Virology, Russia

14:45-15:05 **A quantum-chemical model of the inhibition of HIV-1 integrase action by molecular iodine**
Gulnara A Yuldasheva, Scientific Centre for Anti-Infectious Drugs, Kazakhstan

15:05-15:25 **Control of infection with Human T Cell Leukemia Virus Type-1 (HTLV-1) by humanized neutralizing anti-HTLV-1 gp46 antibody**
Yuetsu Tanaka, University of the Ryukyus, Japan

15:25-15:45 **Evaluation of cd4+ profile of HIV patients on highly active antiretroviral therapy**
Edith Onwuliri, University of Jos, Nigeria

15:45-16:05 **Human Endogenous retrovirus type W family encodes a pro-inflammatory envelope protein expressed in multiple sclerosis brain lesions and is likely to comprise unfixed proviral copies in the human population**
Herve Perron, Geneuro, Switzerland

Coffee Break 16:05-16:20 @ Ballroom Foyer

Track 5: Organ Specific Cancers and Tumour Virology

Session Chair: K. Jagannadha Sastry, University of Texas MD Anderson Cancer Center, USA

Session Co-Chair: Grandi Paola, University of Pittsburgh School of Medicine, USA

Session Introduction

16:20-16:40 **Efficacy of combination mucosal vaccination and immunotherapy strategies for the treatment of HPV-associated cancers**
K. Jagannadha Sastry, University of Texas MD Anderson Cancer Center, USA

16:40:17:00 **Human herpesvirus 8 K1-mediated inhibition of fas-mediated apoptosis provides a new insight into regulation of fas signaling**
Felipe Samaniego, University of Texas MD Anderson Cancer Center, USA

17:00-17:20 **Highly selective hsv virotherapyfor glioblastoma**
Paola Grandi, University of Pittsburgh School of Medicine, USA

17:20-17:40 **Apoptin enhances the oncolytic properties of vaccinia virus and modifies mechanisms of tumor regression by virus**
Sergey Netesov, Novosibirsk State University, Russia

17:40-18:00 **Intracellular detection of infectious pathogens in sperm cells**
A D Gritzapis, Locus Medicus, Greece

18:00-18:20 **Genetic dysregulation in recurrent respiratory papillomatosis**
Michael P Underbrink, University of Texas Medical Branch, USA

18:30-19-30 Cocktails sponsored by **Journal of Antivirals & Antiretrovirals @ Texas E**

Day 2 October 07, 2014

Texas D

Keynote Forum

09:30-09:55 **James Mahony**
Mc Master Unviersity, Canada

09:55-10:20 **Julia Hillard**
Georgia State University, USA

Track 7: Therapeutic Approaches and Targets for Viral Infections

Session Chair: Larry kauvar, Trellis Bioscience, USA

Session Co-Chair: Estanislao Nistal Villán, University of Navarra, Spain

Session Introduction

10:20-10:40 **Intervention on viral diseases by targeting host cellular factors: A novel approach**
Franco Lori, ViroStatics, Italy

Coffee Break 10:40-10:55 @ Ballroom Foyer

10:55-11:15 **Adeno-associated virus vectors expressing IFN-β induction pathway activating elements as alternative torecombinant IFN-β antiviralrefractorytreatments**
Estanislao Nistal Villán, University of Navarra, Spain

11:15-11:35 **Cloning high quality antiviral antibodies from the native human antibody repertoire**
Larry kauvar, Trellis Bioscience, USA

11:35-11:55 **Defective viral genomes as primary triggers of the antiviral immune response**
Carolina B López, University of Pennsylvania, USA

11:55-12:15 **Evaluation of antiviral properties of edible bird nest (EBN) extracts on Influenza A virus (IAV) attenuation**
Parvaneh Mehrbod, Universiti Putra Malaysia, Malaysia

12:15-12:35 **Towards a functional cure of hiv infection using a novel cd4-based chimeric antigen receptor**
Barna Dey, Laboratory of Viral Diseases NIAID/ National Institutes of Health, USA

12:35-12:55 **RNAi: A tool for the enemy during viral infection of mammalian cells?**
Christopher Sullivan, University of Texas, Austin

12:55-13:15 **Anti-viral immunity and measures to control disease pathogenesisin the hematopoietic stem cell transplant setting**
Ashok Srinivasan, St. Jude's Children's Research Hospital, USA

13:15-13:35 **Effectiveness and immunogenicity of pneumococcal vaccination in splenectomized and functionally asplenic patients**
Stephanie Plefka, University of Vienna, USA

Lunch Break 13:35-14:35 @ Texas E

14:35-14:55 **Evaluation of tetravalent and conserved synthetic peptides vaccines derived from Dengue virus Envelope domain I and II**
Marcilio Jorge Fumagalli, Universidade Federal de Alfenas, Brazil

14:55-15:15 **Development of a vaccine candidate against Crimean-Congo Haemorrhagic Fever (CCHF) virus**
Stuart Dowall, Public Health England, UK

Track 8: Viral Hepatitis

Track 9: Viral Immunology

Session Chair: Franco Lori, ViroStatics, Italy

Session Co-Chair: Alvin Smith, Oregon State University, USA

Session Introduction

15:15-15:35 **Correlation between genetic variations and serum level of interleukin 28B with virus genotypes and disease progression in chronic hepatitis C virus infection**
Mohammed N Al Ahdal, King Faisal Specialist Hospital and Research Center, Saudi Arabia

15:35-15:55 **Diagnostic Markers for HBsAg in a community based study**
F. C. Onwuliri, University of Jos, Nigeria

15:55-16:15 **The development of chronic Hepatitis in rabbits experimentally infected with Hepatitis E virus isolate from rabbit**
Ling Wang, Peking University, China

Coffee Break 16:15-16:30 @ Ballroom Foyer

16:30-16:50	**The original calicivrus: An emergent human pathogen implicated on three continents in the occurrence of severe disease including hepatitis** **Alvin Smith,** Oregon State University, USA
16:50-17:10	**Changing Hepatitis C genotypes in South Africa including a closer look at genotype 5a** **Nishi Prabdial-Sing,** National Institute for Communicable Diseases, South Africa
17:10-17:30	**Differential effects of *in-vitro* and *in-vivo* virus infection on Akt signalling in CD4+ T cells** **Pavel Bostik,** Military Health Sciences, Czech Republic
18:00-19-00	Cocktails sponsored by **Journal of Antivirals & Antiretrovirals @ Texas E**

Poster Presentations @ Texas E
Day 2 16:10-17:05

V-001	**Efficient inhibition of HIV replication by targeting 3UTR transcripts using new modified miR-30a** **Ahmad Nejati,** Tehran University of Medical Sciences, Iran
V-002	**Plasma lipidomic fingerprinting to distinguish among hepatitis C-related hepatocellular carcinoma, liver cirrhosis, and chronic hepatitis C using MALDI-TOF mass spectrometry** **Ana Maria Passos-Castilho,** Federal University of Sao Paulo, Brazil
V-003	**In Vivo delivery of CpG-ODN protects against avian infectious laryngotracheitis virus (ILTV) infection** **Simrika Thapa,** University of Calgary, Canada
V-004	**Contribution to the potential association of prostate cancer with xenotropic murine leukemia virus-related virus and mutation in RNase L gene** **Farhad Babaei,** Tehran University of Medical Sciences, Iran
V-005	**Relation between Rotavirus and Norovirus infections and blood group antigens** **Siwar Ayouni,** Public Hospital of Dijon, France
V-006	**Identification of alterations in host genome methylation driven by the human immunodeficiency virus type 1** **Yinfeng Zhang,** The Chinese University of Hong Kong, Hong Kong
V-007	**Parvoviruses infecting captive and wild living chimpanzees** **Brozova Kristyna,** University of Veterinary and Pharmaceutical Sciences, Czech Republic
V-008	**Identification and comparison of adenoviruses in fecal samples from wild and captive non-human primates** **Eva Slaninkova,** University of Veterinary and Pharmaceutical Sciences, Czech Republic
V-009	**Origin and evolution of the viral supergroup** **Arshan Nasir,** University of Illinois at Urbana-Champaign, USA
V-010	**An early report on a local project about primary health care to improve the communication and the compliance in the elderly for vaccinal campaigns against inluenza** **Filippo de Nicolellis,** Primary Health Care, Italy
V-011	**Hepatitis B virus and occult hepatitis B prevalence among patients infected with the human immunodeficiency virus in a Colombian city** **Henry Bautista,** Universidad de Santander-UDES, Colobmia
V-012	**Line up of new enzyme-linked immune-sorbent assay (ELISA) kits for quantitation of HTLV-1 (gp46, p24, Tax), Tax-related antigens (OX40, OX40L, CD25) and HIV-1 p24** **Reiko Tanaka,** University of the Ryukyus, Japan
V-013	**High risk human Papillomavirus in anal samples of women with cervical abnormalities** **Maria del Refugio Gonzalez Losa,** Universidad Autonoma de Yucatan, Mexico
V-014	**Proliferation and activation state of mononuclear cells from dengue patients stimulated with viral peptides** **Maria Carolina Jasso Mirada,** Benemerita Universidad Autonoma de Puebla, Mexico
V-015	**Detection of Epstein Barr Virus in gastric lesions** **Juan Luis Eduardo Martínez López,** Federico Gomez Children's Hospital, Mexico
V-016	**Interaction between the transcriptional machineries in pseudorabies virus** **Zsolt Boldogkoi,** University of Szeged, Hungary
V-017	**Design and synthesis of the West Nile Virus NS2B/NS3 protease** **Marcin Skoreaski,** Wroclaw University of Technology, Poland
V-018	**Digital infectivity assay using drop-based microfluidics** **Ye Tao,** Harvard University, USA

V-019	**Design and synthesis of the West Nile Virus NS2B/NS3 protease** **Marcin Sieaczyk,** Wroclaw University of Technology, Poland
V-020	**The NEP protein of influenza A virus activates the raf/MEK/ERK pathways to regulate the TNF-a gene expression** **Rosas Murrieta Nora,** Benemérita Universidad Autónoma de Puebla, Mexico
V-021	**Chronic hepatitis E virus genotype 3 infection in a 10 years old female liver transplant recipient** **Ana Maria Passos-Castilho,** Federal University of Sao Paulo, Brazil
V-022	**Genetic Code Expansion in Natural Propagation for Site-Specific Engineering and Tracking of Adeno-Associated Viruses** **Chuanling Zhang,** Peking University, China

Day 3 October 08, 2014

Texas D

Track 10: Neurological Infections Associated with Viruses
Track 11: Agriculture and Plant Virology
Track 14: Recent Advances in Drug Discovery

Session Chair: William Mitchell, Vanderbilt University School of Medicine, USA
Session Co-Chair: Baoming Jiang, Centers for Disease Control and Prevention, USA

Session Introduction

09:30-09:50	**Efficient inhibition of HIV replication by targeting 3UTR transcripts using new modified miR-30a** **Sayed-Mahdi Marashi,** Tehran University of Medical Sciences, Iran
09:50-10:10	**Human enteroviruses and viral meningitis in southern, Brazil** **Luine Rosele Renaud Vidal,** Federal University of Paraná, Brazil
10:10-10:30	**Epidemiological surveillance of herpesvirus encephalitis in Cordoba, Colombia 2009-2011** **Salim Mattar,** University of Cordoba, Colombia
10:30-10:50	**Analysis of sequence diversity and assessment of infectivity of begomovirus infectionon grain legume Phaseolus vulgaris L. in India** **Bhavin Bhatt,** Central University of Gujarat, India

Coffee Break 10:50-11:05 @ Ballroom Foyer

11:05-11:25	**The unique role of TLR3 agonists and its induced products of innate immunity as pharmaceutical agents efficacious against highly lethal emerging viruses** **William Mitchell,** Vanderbilt University School of Medicine, USA
11:25-11:45	**Skin immunization against rotavirus using microneedles** **Baoming Jiang,** Centers for Disease Control and Prevention, USA

Track 12: Animal Viruses

Session Chair: Micheal pepin, VetAgro Sup-Campus de Lyon, France
Session Co-Chair: Julius Rajacani, Research Triangle Europe Research Center, Hungary

Session Introduction

11:45-12:05	**Avian Bornavirus: A common and emerging pathogen in North America** **Susan Payne,** Texas A&M University, USA
12:05-12:25	**Detection and genetic characterization of Seoul Virus and other viruses borne by commensal Norway rats (Rattus norvegicus) in France** **Micheal pepin,** VetAgro Sup-Campus de Lyon, France
12:25-12:45	**Molecular characterization of infectious Bronchitis virus and Avian influenza H9N2 circulating in Middle East** **Ziad W Jaradat,** Fatima College of Health Sciences, UAE
12:45-13:05	**Simian foamy virus in non-human primates and cross-species transmission to humans in Gabon** **Augustin Mouinga-Ondeme,** International Center for Medical Research in Franceville, Gabon

Lunch Break 13:05-14:05 @ Texas C

14:05-14:25	**Search for protective Epstein Barr virus (EBV) epitopes in rabbit model** **Julius Rajacani,** Research Triangle Europe Research Center, Hungary
14:25-14:45	**A Unique Virus-Mediated Neurologic Disease Causing Intestinal Paralysis In Birds** **Ian Tizard,** Texas A&M University College of Veterinary Medicine, USA
14:45-15:05	**Antiviral activity of sulfated polysaccharides against Newcastle Disease Virus** **Morán-Santibañez,** Ciudad Universitaria, Mexico

Panel Discussion

Closing Ceremony

Clinical Science

2nd World Congress on
Endocrinology
October 20-22, 2014 Chicago, USA

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Toxicology & Applied Pharmacology
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October 27-29, 2014 Las Vegas, USA

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November 03-05, 2014 Las Vegas, USA

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November 03-05, 2014 Las Vegas, USA

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November 03-05, 2014 Las Vegas, USA

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November 17-19, 2014 Chicago, USA

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December 01-03, 2014 San Francisco, USA

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October 27-29, 2014 Hyderabad, India

3rd International Conference and Exhibition on
Biowaivers, Biologics and Biosimilars
October 27-29, 2014 Hyderabad, India

2nd International Summit on
Clinical Pharmacy
December 02-03, 2014 San Francisco, USA

3rd International Conference on
Medicinal Chemistry & Computer Aided Drug Designing
December 08-10, 2014 San Francisco, USA

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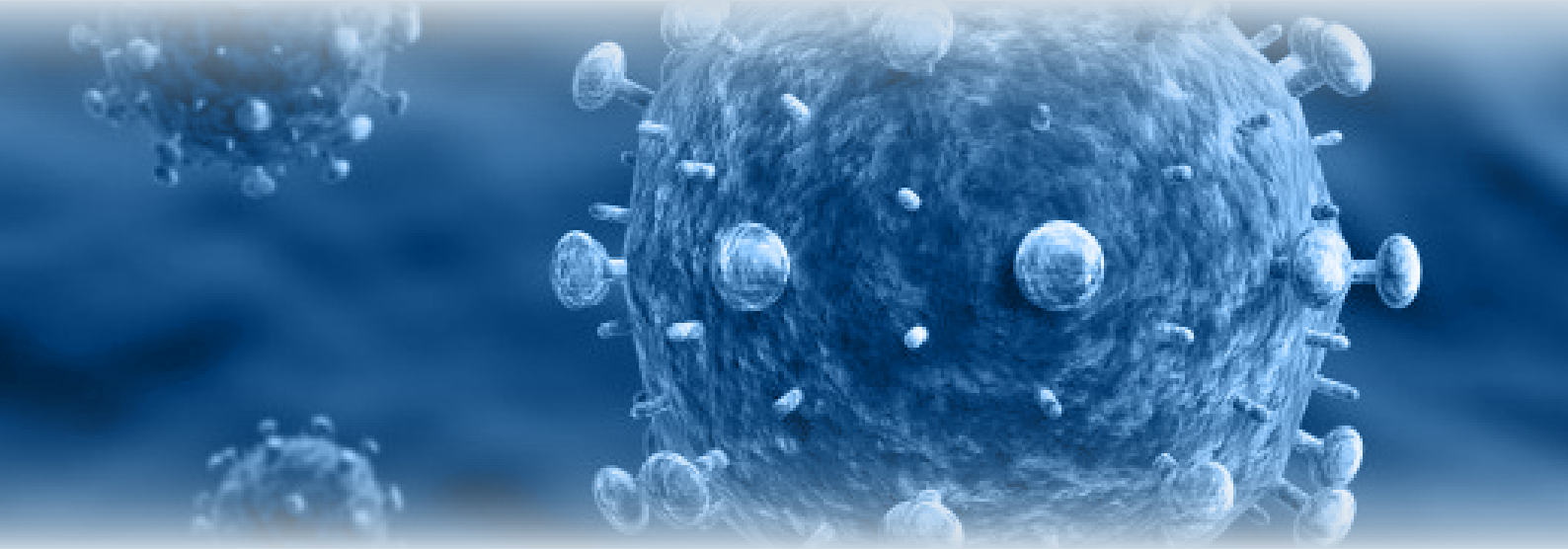
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OMICS Group Conferences
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5th World Congress on

Virology

December 07-09, 2015 Atlanta, USA



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