

KEYSTONE SYMPOSIA on Molecular and Cellular Biology

Viruses and Human Cancer (D2)

March 29-April 3, 2015 • Big Sky Resort • Big Sky, Montana, USA

Scientific Organizers: Charles R.M. Bangham, Thomas F. Schulz and Paul M. Lieberman

Supported by the Directors' Fund

Abstract & Scholarship Deadline: December 2, 2014 / Abstract Deadline: January 6, 2015 / Discounted Registration Deadline: January 27, 2015

SUNDAY, MARCH 29

Registration

MONDAY, MARCH 30

Viral Mimicry of Host Proteins and Pathways

Donald E. Ganem†, Novartis Institutes for Biomedical Research, USA
Talk Title to be Announced

Blossom A. Damania, University of North Carolina at Chapel Hill, USA
Subversion of Host Cell Signaling by KSHV

Clodagh C. O'Shea, The Salk Institute for Biological Studies, USA
Exploiting Viruses to Understand and Treat Cancer

Osvaldo Flores, Novira Therapeutics, USA
Cell-Cycle Inhibitors and Anti-Viral Therapy

Short Talk(s) Chosen from Abstracts

Workshop

Short Talks Chosen from Abstracts

Mechanisms of Viral Latency and Persistence I

David Thorley-Lawson, Tufts University School of Medicine, USA
How EBV Persists in vivo and Its Relevance to Human Cancer?

Alison A. McBride, National Institutes of Health, USA
Papillomavirus Genomes Associate with Brd4 to Replicate at Fragile Sites in the Host Genome

Paul M. Lieberman, Wistar Institute, USA
Epigenetic Regulation of Herpesvirus Latency

Poster Session 1

TUESDAY, MARCH 31

Inflammation and Tumor Microenvironment

Stanley M. Lemon, University of North Carolina at Chapel Hill, USA
Innate Immunity to Hepatitis C Virus

Paivi M. Ojala, Institute of Biotechnology, University of Helsinki, Finland
Cell Fate Reprogramming by KSHV

Thomas F. Schulz, Hannover Medical School, Germany
The Role of KSHV K15 in Virus-Mediated Aberrant Angiogenesis

Mei-Ru Chen, National Taiwan University, Taiwan
Modification of Cellular Environment Induced by EBV Replication
Short Talk(s) Chosen from Abstracts

Mechanisms of Viral Latency and Persistence II

Maria G. Masucci, Karolinska Institute, Sweden
Disruption of Host Cell Processes in EBV Oncogenesis

Masao Matsuoka, Kyoto University, Japan
Role of HTLV-1 bZIP Factor Gene in Viral Persistence and Leukemogenesis

Charles R.M. Bangham, Imperial College School of Medicine, UK
Regulation of HTLV-1 Clonality: When Does Leukemia Result?
Short Talk Chosen from Abstracts

Poster Session 2

WEDNESDAY, APRIL 1

Epigenetics and DNA Damage I

Yorifumi Satou, Kumamoto University, Japan
Epigenetic Control of Retroviral Expression

Lucas L. Willemst, Gembloux Agro-Biotech Universitaire, FNRS, Belgium
Mechanisms of BLV Persistence and Leukemogenesis

Paul F. Lambert, University of Wisconsin, USA
What Drives Development of HPV-Associated Cancers?

Epidemiology

Massimo Tommasino, Infections and Cancer Biology Group-IARC, France
Role of Viral Infections in Human Cancers

Short Talk(s) Chosen from Abstracts

Workshop and Panel 1: Do beta-Papillomaviruses Cause Skin Cancer in Humans?

Short Talks Chosen from Abstracts

Workshop and Panel 2: What Is the Evidence for Unidentified Human Tumor Viruses?

Short Talks Chosen from Abstracts

Epigenetics and DNA Damage II

Martin J. Allday, Imperial College London, UK
Modulation of Nuclear Processes during the Transformation of B Cells by EBV

Speaker to be Announced

Immunity, Intracellular Defense and Vaccines I

John Schiller, National Cancer Institute, National Institutes of Health, USA
Prophylactic HPV Vaccines: Why They Work So Well

Short Talk Chosen from Abstracts

Poster Session 3

THURSDAY, APRIL 2

Immunity, Intracellular Defense and Vaccines II

Barbara Rehmann, NIDDK, National Institutes of Health, USA
Host Responses to HCV: The Role of Inflammation in Inducing Protective Immunity

Mala Maini, University College London, UK
Host Immunity to HBV: Pathogenesis or Protection

Genoveffa Franchini, NCI, National Institutes of Health, USA
Talk Title to be Announced

Cliona M. Rooney, Baylor College of Medicine, USA
Adoptive T-Cell Therapy of Persistent Viral Infections
Short Talk(s) Chosen from Abstracts

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Next Generation Viromics and Virus Discovery

Patrick S. Moore, University of Pittsburgh Cancer Institute, USA

How to Find a New Human Virus: Lessons from Merkel Cell Polyomavirus

Paul Kellam, University College London, UK

The Host and Virus Genome Diversity in Cancer

Curtis A. Suttle†, University of British Columbia, Canada

Quantifying the Virosphere

Short Talk Chosen from Abstracts

FRIDAY, APRIL 3

Departure