



Infection & Immunity

Suzhou, China

September 8 – 12, 2011

Abstract Deadline: July 20, 2011

Organizers:

Shizuo Akira, *Osaka University, Japan*

Xuetao Cao, *Chinese Academy of Medical Sciences, China*

Genhong Cheng, *University of California Los Angeles, USA*

Luke O'Neill, *Trinity College Dublin, Ireland*

We are pleased to announce the Cold Spring Harbor Asia conference on Infection & Immunity which will be held at the Suzhou Dushu Lake Conference Center in Suzhou, China. The conference will begin at 7:00pm on the evening of Thursday September 8, and will conclude after lunch on Monday September 12, 2011.

This conference retains the essence of the prestigious Cold Spring Harbor NY meetings series, a program now in its 76th year. The conference will include eight oral sessions and one poster session covering the latest findings across many topics in infection and immunity research. Many talks will be selected from the openly submitted abstracts on the basis of scientific merit and relevance.

Major Topics:

- Pattern recognition and innate immunity
- Innate immune signaling
- Stem cell and immune development
- Transcriptional control of immune response
- Immune response to viral infections
- Immune response to bacterial infections
- Vaccines against infections

Cold Spring Harbor Asia

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Keynote Speakers and their Presentation Titles:

David Baltimore (California Institute of Technology, USA): *Control of NF- κ B-activated Transcription*

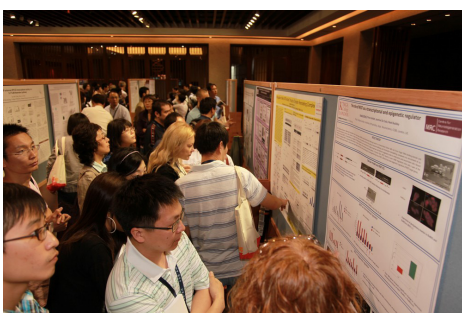
Shizuo Akira (Osaka University, JAPAN): *TLR signaling and the immune response*

Confirmed Invited Speakers and their Presentation Titles:

Rafi Ahmed (Emory University School of Medicine, Georgia, USA): *Immunological Memory*

Antonio Bertoletti (Singapore Institute for Clinical Sciences, SINGAPORE): *Strategies to Restore Defective Virus-specific Immunity in chronic HBV infection*

Michael Bevan (Howard Hughes Medical Inst., U. Washington, USA): *Controlling CD8 Responses in the Presence and Absence of Inflammation*



Jeremy Boss (Emory University, USA): *Transcription and epigenetic regulation of programmed death-1 during viral infection and T cell activation*

Andrew Bowie (Trinity College Dublin, IRELAND): *The 'how' and 'why' of intracellular DNA sensing by the innate immune system*

Xuetao Cao (Chinese Academy of Medical Sciences, CHINA): *Cross-regulation of innate immune response*

Zhijian (James) Chen (UTSW Medical Center/HHMI, USA): *MAVS – A Marvelous Mitochondrial Anti-Viral Signaling Protein*

Genhong Cheng (University of California Los Angeles, USA): *Crosstalk between innate immune response to viral infection and host metabolism*

Yang-Xin Fu (The University of Chicago): *The essential role of innate lymphoid cells in controlling gut infection, metabolism, and microbiome*

Takashi Fujita (Kyoto University, JAPAN): *Viral replication and its detection by RIG-I-Like Receptors: Formation of RIG-I granules and signal transduction through mitochondrion*

Paul Hertzog (Monash Institute of Medical Research, AUSTRALIA): *Characterisation of a novel cytokine which specifically regulates innate mucosal immune responses to bacterial and viral infections of the female reproductive tract*



Veit Hornung (University of Bonn, GERMANY): *Intracellular DNA sensing*

Shigeo Koyasu (Keio University School of Medicine, JAPAN): *Natural helper cell and the type-2 innate immune responses*

Atsushi Kumanogoh (Osaka University, WPI Immunology Frontier Research Center, JAPAN): *Regulation of Immune Cell Responses by Semaphorins and Their Receptors*

Claude Leclerc (Institute Pasteur, FRANCE): *New paradigms for the development of efficient vaccines for adults and neonates*

Foo Y Liew (University of Glasgow, UK): *The role of novel cytokines in Infection and Immunity*

Yong-Jun Liu (University of Texas, MD Anderson Cancer Center, USA): *Identification of nucleic acid sensors in dendritic cells*

Andrew McMichael (John Radcliffe Hospital, UK): *Virus escape from early immune responses in acute HIV infection*

Jeffrey Miller (University of California, Los Angeles, USA): *Diversity-Generating Retroelements*

Daniel Portnoy (University of California, Berkeley, USA): *Forward genetics to identify microbial components that activate host cytosolic surveillance pathways*

Ichiro Taniuchi (RIKEN, Research Center for Allergy and Immunology, JAPAN): *TRANSCRIPTIONAL AND EPIGENETIC CONTROL OF CD4/CD8 LINEAGE CHOICE*

Jenny Ting (University of North Carolina, Lineberger Comprehensive Cancer Center, USA): *NLRs in ancient and modern diseases*

Yumei Wen (Fudan University, Shanghai Medical College, CHINA): *Therapeutic vaccines-Bridging basic immunology with clinical medicine*

Owen Witte (HHMI / University of California at Los Angeles, USA): *Imaging Cancer and the Immune Response with Positron Emission Tomography*

Sho Yamasaki (Medical Institute of Bioregulation, Kyushu University, JAPAN): *Regulation of immune responses through C-type lectin Mincle*

