

Organized by



János Szentágothai
Knowledge Center
of Semmelweis
University

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1st International Symposium on Genetic and Immune Correlates of HIV Infection and Vaccine-Induced Immunity

10–13 June, 2007
Budapest, Hungary

Organizing Committee

Alving, Carl (Rockville)
Clerici, Mario (Milan)
Füst, George (Budapest) – chairman
Lehner, Thomas (London)
Kazatchkine, Michel (Paris)
Lisziewicz, Julianna (Washington–Budapest)
Szebeni, János (Rockville–Budapest) – secretary
Ujhelyi, Eszter (Budapest)

Invited Speakers

Alving, Carl (Rockville, MD, USA)
Borkowsky, William (New York, NY, USA)
Blumenthal, Robert (Frederick, MD, USA)
Chiodi, Francesca (Stockholm, Sweden)
Clerici, Mario (Milan, Italy)
Dandeker, Satya (Davis, CA, USA)
de Groot, Anne (Providence, RI, USA)
Dierich, Manfred (Innsbruck, Austria)
Gallo, Robert C. (Baltimore, MD, USA)
Greene, Warner C. (San Francisco, CA, USA)
Kotwal, Girish (Cape Town, South Africa)
Koup, Richard A. (Bethesda, MD, USA)
Lehner, Thomas (London, UK)
Lisziewicz, Julianna (Washington, DC, USA and
Budapest, Hungary)
Lévy, Yves (Créteil, France)
Lori, Franco (Pavia, Italy)
Lusso, Paolo (Milan, Italy)
Mehra, Narinder (New Delhi, India)
Miyazawa, Masaaki (Osaka, Japan)
O'Brien, Stephen J. (Frederick, MD, USA)
Sattentau, Quentin J. (Oxford, UK)
Veas, Francisco (Montpellier, France)
Veljkovic, Veljko (Belgrade, Serbia and Montenegro)
Wyatt, Richard (Bethesda, MD, USA)

Preliminary Program

Keynote lecture

Topic 1. Genetic Determinants of Susceptibility for HIV Infection

Chemokines, chemokine receptors
HLA
Other factors

Topic 2. Immunological Protection against HIV Infection and Disease Progression

Exposed-uninfected individuals
Immune correlates of the progression of HIV disease.
Roles of CTL, Th1 and Th2 T cells
Neutralizing antibodies: new antigenic targets
Immune correlates of HIV infection: innate immunity
Immune correlates of the progression in pediatric HIV
diseases

Topic 3. Lipids and Lipid Immunology in HIV infection

Lipid rafts
Interaction of envelope proteins with lipids
Lipid immunology and neutralizing antibodies

Topic 4. Genetic factors influencing the efficacy of HIV vaccination

Immunogenomics in design of HIV vaccines
Newly emerging genetic factors

Topic 5. Immune correlates of the efficacy of HIV vaccination

Vaccine-induced antibodies – beneficial or harmful?
(round table discussion)
CTL
Novel immunological reactions
Analysis of breakthrough infections
Immune reactions measuring the efficacy of therapeutic
vaccines
Immune correlates in experimental vaccination

<http://www.hiv-correlates2007.hu>