

“Novel Vaccines against Infectious Diseases – Developed Countries meet Developing Countries”

Program

Thursday, April 14, 2005

Registration, Welcome and Keynote Lecture

- 12:00-15:00 Registration
- 15:00-15:10 Alexander von Gabain/Intercell/Austria: *“Welcome”*
- 15:10-15:50 Stanley Cohen/Stanford University/USA: *“From recombinant DNA to a better understanding of host-parasite relationship”*
- 15:50-16:00 Break

Microbial Pathogens

Chair: Staffan Normark

- 16:00-16:30 Elaine Tuomanen/St. Jude Children’s Research Hospital/Memphis/USA: *“Molecular mechanisms of pneumococcal invasion”*
- 16:30-17:00 Stefan H. E. Kaufman/Max-Planck Institute for Infection Biology/Berlin/Germany: *“Understanding the natural immune response to tuberculosis as basis for rational vaccine design”*
- 17:00-17:30 Franz Xaver Heinz/Department of Virology/Medical University of Vienna/Austria: *“Flaviviruses”*
- 17:30-17:40 Break
- 17:40-18:10 John Oxford/Department of Medical Microbiology and Retroscreen Virology/St Bartholomew's and the Royal London, Queen Mary, School of Medicine and Dentistry/University of London/UK: *“Digging in the Past of the Spanish Influenza Virus”*
- 18:10-18:40 Robert Gallo/Institute of Human Virology/University of Maryland/USA: *“Synopsis of HIV Biology especially as it may relate to vaccine development”*

Special Promotion

- 18:40-18:55 Matthias Frisch/Vienna Business Agency/Vienna: *“Biotechnology in Vienna”*

Dinner and Social Program

- 19:30 Dinner
- 20:30 Get-Together

Friday, April 15, 2005

Adaptive Immunity

Chair: Thomas Decker

- 08:30-09:00 Michael Neuberger/Medical Research Council Laboratory of Molecular Biology/Cambridge/UK: *"B-Cell Immunity"*
- 09:00-09:30 Rafi Ahmed/Emory Vaccine Center, Emory University School of Medicine, Atlanta/USA: *"The Development of Antigen-Specific T-Cells and Memory T-Cells"*

Pneumococcal Vaccines

Chair: Hamilton Smith

- 09:30-09:55 Ester Nagy/Intercell/Austria: *"From "antigenome" to vaccine candidates: a novel validated antigen identification approach leading to conserved protective pneumococcal proteins"*
- 09:55-10:20 Cécile Neyt/GSK/UK: *"Pneumococcal conjugate and protein vaccines."*
- 10:20-10:50 Break

Flaviviral Vaccines

Chair: Franz X. Heinz

- 10:50-11:15 Michael Buschle/Intercell/UK: *"A next generation vaccine, IC-51(JE-PIV) against Japanese Encephalitis Virus that is immunogenic and safe"*
- 11:15-11:40 Alexander Khromykh/Sir Albert Sakzewski Virus Research Centre/Royal Children's Hospital, and Clinical Medical Virology Centre/University of Queensland/Brisbane/Australia: *"Kunjin (West Nile) virus-based vaccines"*
- 11:40-12:10 Break
- 12:10-12:35 Farshad Guirakhoo/Acambis/Cambridge/UK: *"ChimeriVax flavivirus vaccines"*
- 12:35-13:00 Christian Mandl/Clinical Institute for Virology/Medical University of Vienna/Austria: *"Capsid deletion mutants for the development of new flavivirus vaccines"*
- 13:00-14:30 Lunch

Influenza Vaccines

Chair: Hans Tuppy

- 14:30-14:55 Peter Palese/Mount Sinai School of Medicine/New York/USA: *"Biology of Influenza Virus"*
- 14:55-15:20 John Skehel/National Institute for Medical Research/London/UK: *"Immune recognition of influenza virus haemagglutinin"*
- 15:20-15:45 David Burt/ID Biomedical Corporation/Canada: *"An Intranasal Subunit Vaccine against Influenza"*
- 15:45-16:10 Jaap Goudsmit/Crucell/Netherlands: *"Next Generation Vaccines against Pandemic and Epidemic Influenza: PER.C6® as cell substrate"*
- 16:10-16:40 Break

HIV Vaccines

Chair: Robert Gallo

- 16:40-17:05 Bruce Walker/Massachusetts General Hospital/Aids Research Centre/Charlestown/USA: *"Immune Control and Immune Failure in HIV infection"*
- 17:05-17:30 David Watkins/University of Wisconsin Medical School/Madison/USA: *"Elite Controllers and Vaccine Studies in the SIV-Infected Indian Rhesus Macaque"*
- 17:30-17:55 Dennis Burton/The Scripps Research Institute/La Jolla/USA: *"Neutralizing Antibodies and HIV Vaccine Design"*
- 17:55-18:20 Emilio Emini/International Aids Vaccine Initiative/New York/USA: *"The Promise and Challenge of HIV-1 Vaccine Development"*

Dinner and Social Program

- 19:30 Dinner and Social Program

Saturday, April 16, 2005

Innate Immunity

Chair: Elaine Tuomanen

- 09:30-10:00 Bruce Beutler/The Scripps Research Institute/La Jolla/USA: *"Deciphering innate immune response pathways using germline mutagenesis."*
- 10:00-10:30 Michel Nussenzweig/Rockefeller University New York/USA: *"Dendritic cell based approaches for vaccine development"*
- 10:30-11:00 Break

TB Vaccines

Chair: Max Birnstiel

- 11:00-11:25 William R. Jacobs/Albert Einstein College of Medicine and Howard Hughes Medical Institute/New York/USA: *"Pathogenesis of Mycobacterium Tuberculosis"*
- 11:25-11:50 Mark Doherty/Staten Serum Institute/Denmark: *"A Fusion Protein Subunit Approach towards a Vaccine"*
- 11:50-12:15 Mark Alderson/Corixa/Seattle/USA: *"Subunit Approach towards a Novel Vaccine"*
- 12:15-13:30 Lunch

Panel Discussion "Novel vaccines for the world - how to streamline efforts of academia, biotech, vc, politics and charitable trusts?"

- 13:30-13:40 Alexander von Gabain/Intercell/Austria
- 13:40-13:50 Martin Friede/WHO Headquarters/Geneve/Switzerland
- 13:50-14:00 Jacques-Francois Martin/GAVI-The Vaccine Fund/France
- 14:00-14:10 Jerald Sadoff/Aeras Foundation/USA
- 14:10-14:20 Thomas Szucs/BB Biotech/Switzerland
- 14:20-14:30 David Cyranosky/Nature/Japan
- 14:30-14:40 Karen Bernstein/Biocentury Publications
- 14:40-14:50 Break
- 14:50-15:50 Discussion

Dinner and Social Program

- 19:00 Gala Dinner