Why do we not yet have an HIV vaccine?
May 29-30, 2008
Bloomberg Lecture Hall
Institute for Advanced Study, Princeton, New Jersey

Hosted by:
The Simons Center for Systems Biology
and
International AIDS Vaccine Initiative

With additional generous support from Merck & Co.

CONFERENCE SCHEDULE

Thursday, May 29, 2008

8:10 a.m. - 8:40 a.m. CONTINENTAL BREAKFAST AVAILABLE
Bloomberg Hall Biology Atrium

8:40 a.m. - 8:45 a.m. Arnold J. Levine, Institute for Advanced Study

8:45 a.m. - 8:50 a.m. Seth Berkley, International AIDS Vaccine Initiative

8:50 a.m. - 9:00 a.m. Adel A. F. Mahmoud, Princeton University
Chair & Introduction

Vaccines & Immunology

9:00 a.m. - 9:30 a.m. Anthony S. Fauci, National Institutes of Health
HIV Vaccinology: An Historical Perspective and a Fresh Look

9:30 a.m. - 10:00 a.m. Peter S. Kim, Merck Research Laboratories
A Perspective on HIV Vaccine Research

10:00 a.m. - 10:30 a.m. John W. Shiver, Merck Research Laboratories
Merck's HIV-1 Vaccine: How Well Did the STEP Trial Test the CMI Hypothesis for a Prophylactic Vaccine?

10:30 a.m. - 11:00 a.m. Bruce D. Walker, Massachusetts General Hospital,
Harvard Medical School & HHMI
Durable Control of HIV Replication

11:00 a.m. - 11:20 a.m. COFFEE/TEA DISCUSSION BREAK
Bloomberg Hall Biology Atrium
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11:20 a.m. - 12:00 p.m. David Baltimore, California Institute of Technology
A Different Approach

12:00 p.m. - 12:30 p.m. Philip R. Johnson, The Children’s Hospital of Philadelphia & University of Pennsylvania School of Medicine
Reverse Immunization: A Novel Model for In Vivo SIV Neutralization

12:30 p.m. - 2:00 p.m. LUNCH - Available in Institute Dining Hall

Vaccines & Immunology (con’t)

2:00 p.m. - 2:45 p.m. Alexander Y. Rudensky, University of Washington
Regulatory T cells in Autoimmunity and Infection

2:45 p.m. - 3:15 p.m. Rino Rappuoli, Novartis Vaccines & Diagnostics, Siena, Italy
Knowledge and Knowledge Gaps

3:15 p.m. - 3:45 p.m. TEA - Available in Fuld Hall Common Room

3:45 p.m. - 4:30 p.m. Ruslan Medzhitov, Yale University School of Medicine & HHMI
Innate Control of Adaptive Immunity

PANEL I – Vaccines

4:45 p.m. - 6:15 p.m. Adel A. F. Mahmoud, Princeton University - Chair
Alan Bernstein, Global HIV Vaccine Enterprise
Dennis R. Burton, The Scripps Research Institute
Mark B. Feinberg, Merck & Co., Inc.
Wayne C. Koff, International AIDS Vaccine Initiative
Rino Rappuoli, Novartis Vaccines & Diagnostics
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Friday, May 30, 2008

8:10 a.m. - 8:45 a.m. CONTINENTAL BREAKFAST AVAILABLE
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Ecology and Natural History of the Virus
8:45 a.m. - 9:15 a.m. Angela McLean, University of Oxford
How Effective are CTL’s in HIV and SIV Infections

9:15 a.m. - 9:45 a.m. Neal Nathanson, University of Pennsylvania School of Medicine
Nonhuman Primates: Partners in AIDS Vaccine Research

9:45 a.m. - 10:30 a.m. Malcolm A. Martin, National Institute of Allergy and Infectious Diseases, National Institutes of Health
A Protective HIV Vaccine Must Effectively Control the Acute Virus Infection

10:30 a.m. - 11:15 a.m. Stephen P. Goff, College of Physicians and Surgeons, Columbia University & HHMI
Virus Restriction Factors and Innate Immunity: ZAP and TRIM

11:15 a.m. - 11:30 a.m. COFFEE/TEA DISCUSSION BREAK
Bloomberg Hall Biology Atrium

11:30 a.m. - 12:00 p.m. Harlan Robins, Fred Hutchinson Cancer Research Center
Exploring the Diversity of the T-cell Repertoire

PANEL II - Where Do We Go From Here?
12:00 p.m. - 1:00 p.m. Donald E. Ganem, UC San Francisco - Chair
Michael Krasnitz, Institute for Advanced Study
Joshua B. Plotkin, University of Pennsylvania
Raúl Rabadán, Institute for Advanced Study

1:00 p.m. - 2:30 p.m. LUNCH - Available in Institute Dining Hall

2:30 p.m. - 3:30 p.m. Wrap Up Session – Future Directions
Biology Conference Room (BH 113)

End of Program