

IAVI Neutralizing Antibody Center at the Scripps Research Institute
Toward a Vaccine That Elicits Broadly Neutralizing Antibodies Against HIV

Thursday, September 24, 2009

Beckman Center for Chemical Sciences
W.M. Keck Foundation Amphitheater

The Scripps Research Institute
10550 North Torrey Pines Road, La Jolla CA 92037

8:30-8:45	Welcome/Opening Remarks (Coffee and tea available)	Richard A Lerner Seth F Berkley
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Session 1 **Overview of the Problem / Chair, Argyrios Theofilopoulos**

8:45-9:15	Generation of Long Term Protective Immunity Against Viral Disease	Rafi Ahmed
9:15-9:45	Evolution of Humoral Immune Responses to HIV	Barton Haynes
9:45-10:15	The HIV Neutralizing Antibody Problem & the Neutralizing Antibody Consortium Approach	Dennis R Burton

BREAK 10:15-10:30 (Light morning snacks and refreshments available)

Session 2 **Structure-Assisted Vaccine Discovery / Chair, Douglas Richman**

10:30-11:00	The HIV Envelope Spike	Joseph G Sodroski
11:00-11:30	Structure-Assisted Vaccine Discovery (1)	Peter D Kwong
11:30-12:00	Structure-Assisted Vaccine Discovery (2)	Ian Wilson

LUNCH: 12:00-1:00 (Lunch will be provided)

Session 3 **Immunogen Design / Chair, Gary Nabel**

1:00-1:30	Progress & Challenges	Richard T Wyatt
1:30-2:00	Computational Approaches	William R Schief
2:00-2:30	Targeting the Glycan Shield	Benjamin G Davis

BREAK: 2:30-3:00 (Snacks and refreshments available)

Session 4 **Future Directions / Chair, Rick King**

3:00-3:30	Collaboration for AIDS Vaccine Discovery	Jose Esparza
3:30-4:00	Vector-Mediated Gene Delivery	Philip R Johnson
4:00-4:30	Bioinformatics & High Through-Put Screening	Christos Petropoulos
4:30-5:00	IAVI Research & Development: Future Directions	Wayne C Koff

5:00-5:10	Closing Remarks	Seth Berkley
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5:10-6:30	Reception – in the Lobby Atrium, just outside the Amphitheater	
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