



Jefferson™

2009

# Jefferson Vaccine Center

## Second Annual Retreat

March 26<sup>th</sup>-27<sup>th</sup>

**Mandeville Conference Room (101)**

**Bluemle Life Sciences Building**

233 South 10th Street

Philadelphia, PA 19107

THOMAS JEFFERSON UNIVERSITY

- 11:05 - 11:50**     **David L. Woodland, PhD**  
President/Director  
Trudeau Institute, Inc.  
*" Chemokine regulation of memory T cell responses to respiratory virus infections "*
- 12:00 - 1:15**     **Lunch Break (on your own)**
- 1:15 - 2:00**     **Laurence C. Eisenlohr, DVM, PhD**  
Professor  
Department of Microbiology and Immunology  
Jefferson Medical College of Thomas Jefferson University  
*" Freakonomics of MHC Class I peptide supply "*
- 2:00 - 2:45**     **Michael J. Root, MD, PhD**  
Assistant Professor  
Department of Biochemistry & Molecular Biology  
Jefferson Medical College of Thomas Jefferson University  
*" Functional plasticity of gp41, a potential target for HIV-1 vaccines "*
- 2:45**     **Wrap Up and Closing Remarks**

**At the end of the conference, participants will be able to:**

- Describe how influenza virus vaccines perform in the elderly
- Critique animal models for evaluation of vaccines and therapeutics against inhalation anthrax
- Specify how vaccines protect, as evident in the lessons learned from mousepox
- Summarize the possible advantages of novel pneumococcal vaccines
- Appraise new developments in the field of vaccines.

Jefferson Medical College of Thomas Jefferson University, is accredited by the ACCME to provide continuing medical education for physicians.

Jefferson Medical College designates this educational activity for a maximum of 9.5 *AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

**Faculty disclosure:**

All faculty participating in continuing medical education activities sponsored by Jefferson Medical College are expected to disclose to the activity audience any real or apparent conflict(s) of interest related to the content of their presentation(s). Full disclosure of faculty relationships will be made at this activity.

The Jefferson Vaccine Center acknowledges, with gratitude, the following educational grantors:

- **Merck & Company**
- **Molecular Targeting Technologies**
- **Wyeth Vaccines Research**

You can now register for the Jefferson Vaccine Center Second Annual Retreat.

Please follow this link:

[http://www.jefferson.edu/jmc/microbiology/vaccine\\_center/education/seminars.cfm](http://www.jefferson.edu/jmc/microbiology/vaccine_center/education/seminars.cfm)

Please note that if you want to register for CME credit, follow the link on the bottom of confirmation page.

**Thursday, March 26, 2009 (Day 1)**

**8:00 - 8:30** *Continental Breakfast*

**8:40 - 9:00** *Introduction and Welcome*

**Mark L. Tykocinski, MD**

Dean, JMC  
Senior Vice President, TJU  
President, JUP

**Matthias J. Schnell, PhD**

Director, Jefferson Vaccine Center

*HIV-vaccines and viral vaccine-vectors* Chair: James P. McGettigan, PhD

**9:00 - 9:45** **Andrew A. Lackner, DVM, PhD**

Professor  
Department of Microbiology & Pathology  
Director, Tulane National Primate Research Center  
*"AIDS vaccines: insights from SIV pathogenesis studies in nonhuman primates"*

**9:45 - 10:30** **John W. Shiver, PhD**

Vice President, Merck Research Laboratories  
*"How well did the STEP Trial test the CMI hypothesis for a prophylactic vaccine?"*

**10:30 - 10:50** *Coffee Break*

**10:50 - 11:35** **Matthias J. Schnell, PhD**

Professor  
Department of Microbiology and Immunology  
Jefferson Medical College of Thomas Jefferson University  
*"Rabies virus-based vaccines protect rhesus macaques from AIDS-like disease after a highly pathogenic SIVmac251 challenge"*

**11:35 - 12:20** **Douglas S. Lyles, PhD**

Professor and Chair  
Department of Biochemistry  
Wake Forest University School of Medicine  
*"Vesicular stomatitis virus vaccine vectors with enhanced activation of innate immune mechanisms"*

**12:20 - 1:30** *Lunch Break (on your own)*

**1:30 - 2:15** **Adolfo Garcia-Sastre, PhD**

Professor  
Department of Microbiology  
Mount Sinai School of Medicine  
*"Newcastle disease virus vectors"*

*Vaccines for emerging and reemerging infectious diseases – Chair: Glenn F. Rall, PhD*

**2:15 - 3:00** **Heinz Feldmann, MD, PhD**

Chief, Laboratory of Virology  
National Institute of Allergy and Infectious Diseases  
*"Vaccines to combat viral hemorrhagic fevers"*

**3:00 - 3:45** **Andrew F. Trofa, MD, FACP**

Director, Clinical and Medical Affairs, Adult Vaccines  
GlaxoSmithKline Pharmaceuticals  
*"Influenza in the over 65s"*

**3:45 - 4:05** *Coffee Break*

**4:05 - 4:50** **Johnny W. Peterson, PhD**

Professor and Director of Aerobiology  
Galveston National Laboratory  
Department of Microbiology and Immunology  
University of Texas Medical Branch  
*"Animal models for evaluation of vaccines and therapeutics against inhalation anthrax"*

**4:50 - 5:35** **Luis J. Sigal, DVM, PhD**

Member, Basic Science Division  
Fox Chase Cancer Center  
*"How do vaccines protect? Lessons from mousepox"*

**Friday, March 27, 2009 (Day 2)**

**8:00 - 8:30** *Continental Breakfast*

*Immune responses and pathogenesis – Chair: Laurence C. Eisenlohr, DVM, PhD*

**8:30 - 9:15** **Glenn F. Rall, PhD**

Member, Basic Science Division  
Fox Chase Cancer Center  
*"Immunity in the brain: host factors that govern clearance or pathogenesis"*

**9:15 - 10:00** **William C. Gruber, MD**

Vice President, Clinical Research  
Wyeth Vaccines Research  
*"Update on 13 valent pneumococcal vaccine – infant and adult"*

**10:00 - 10:20** *Coffee Break*

**10:20 - 11:05** **Tim L. Manser, PhD**

Professor/Chair  
Department of Microbiology/Immunology  
Jefferson Medical College of Thomas Jefferson University  
*"The germinal center reaction: a double-edged sword for vaccination?"*