

# NIEHS Symposium on Lipid Raft Biology

May 13, 2008 – 11:00 am to 5:00 pm

111 T.W. Alexander Dr., Research Triangle Park, NC  
Rall Building, Rodbell Conference Rm. A/B/C

**11:00 am – 12:00 pm**     ***NIEHS Distinguished Lecturer***  
**Kai Simons, Ph.D.,** Max Planck Institute  
Research Group Leader and Director Emeritus  
*'Lipid Rafts in Membrane Trafficking and Disease – a Perspective'*

**LUNCH HOUR (12:00 – 1:00 pm)**

## **SESSION 1: Rafts and Caveolae in Signal Transduction: Evolving Concepts**

**1:00 pm – 1:10 pm**     **Opening Remarks**

**1:10 pm – 1:40 pm**     **Ken Jacobson, Ph.D.,** UNC – Chapel Hill  
Kenan Distinguished Professor of Cell & Developmental Biology  
*'Evolving Concepts of the Raft'*

**1:40 pm – 2:10 pm**     **Linda Pike, Ph.D.,** Washington University  
Associate Professor, Department of Biochemistry and Molecular Biophysics  
*'Rafts as a Platform for Growth Factor Signaling'*

**2:10 pm – 2:40 pm**     **Fred Maxfield, Ph.D.,** Weill Cornell Medical College  
Professor and Chair, Department of Biochemistry  
*'Role of Cholesterol and Lipid Organization in Disease'*

**2:40 pm – 2:50 pm**     **Coffee Break**

## **SESSION 2: Lipid Trafficking Through Rafts in Health and Disease: Rare Disorders, Common Biology**

**2:50 pm – 3:20 pm**     **Richard E. Pagano, Ph.D.,** Mayo Clinic  
Professor, Departments of Medicine and Biochemistry / Molecular Biology  
*'Reduction of stored lipids in NPC disease: In vitro & in vivo studies'*

**3:20 pm – 3:50 pm**     **Rose-Mary Boustany, M.D.,** Duke University  
Adjunct Professor, Departments of Pediatrics and Neurobiology  
*'Rafts, Sphingolipids, and Batten Disease'*

**3:50 pm – 4:20 pm**     **Michael B. Fessler, M.D.,** NIEHS  
Group Leader, Host Defense, Laboratory of Respiratory Biology  
*'Innate immunity as a physiologic signal in cholesterol homeostasis'*

**4:20 pm – 4:40 pm**     **Open Discussion**

**4:40 pm – 4:45 pm**     **Closing Remarks**

**Hosted By: Michael Fessler, M.D.; Dixie-Ann Sawin, Ph.D. (919-541-3701)**



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