

3rd
March 3–5, 2010

S I N G A

ENGINEERING Neil Clarke • Carsten Schultz • Walter Shaw • Anthony Sinskey • Howard Riezman

P O R E

BIOLOGY Yuru Deng • Peter Devreotes • Gilbert Di Paolo • Jean Gruenberg • Volker Haucke • Jim Hurley • Rachel Kraut • Stuart McLaughlin • Tai E Shyong • Markus Wenk • Hongyuan Robert Yang

L I P I D

TECHNOLOGY Christopher Baker • Frank Eisenhaber • Rudi Grimm • Vassily Hatzimanikatis • Martin Hornshaw • Alfred Merrill • Jeremy Nicholson • Berwyck Poad • Michael Sheetz • John Shockcor • Manfred Spraul • Joshua Zimmerberg

S Y M P O

DISEASES Peter Ghazal • Valerian Kagan • Roland Stocker • Scott Summers • Matthias Wymann

S I U M

3rd Singapore Lipid Symposium • March 3–5, 2010

National University of Singapore

Center for Life Sciences

Organizer: Markus R Wenk

Lipid research has gained from a number of recent achievements and developments. First, genetic and cell biological research has provided new insights into molecular mechanisms of lipid action. Second, it is becoming increasingly clear that deregulated lipid metabolism plays an important role in many human diseases. Third, novel tools for lipid detection are being developed at a very rapid pace.

The aim of the symposium is to spur this process by bringing together investigators with diverse backgrounds in lipid research.

Leading scientists from around the world will present their latest research advances in a workshop-style forum and in four main sessions:

1. Biology of lipids
2. Novel technology for lipid research
3. Engineering of lipids and metabolic pathways
4. Clinical aspects of aberrant lipid metabolism

www.lipidprofiles.com

Christopher J O Baker, University of New Brunswick

Neil Clarke, Genome Institute of Singapore, A*Star

Yuru Deng, National University of Singapore

Peter N Devreotes, Johns Hopkins University School of Medicine

Gilbert Di Paolo, Columbia University

Frank Eisenhaber, Bioinformatics Institute A*Star Singapore

Peter Ghazal, University of Edinburgh

Rudi Grimm, Agilent Technologies

Jean Gruenberg, University of Geneva

Vassily Hatzimanikatis, Federal Institute of Technology Lausanne

Volker Haucke, Freie Universität Berlin

Martin Hornshaw, Thermo Fisher Scientific

James H Hurley, National Institutes of Health

Valerian E Kagan, University of Pittsburgh

Rachel Kraut, Nanyang Technological University

Stuart McLaughlin, SUNY Stony Brook

Alfred H Merrill, Georgia Institute of Technology

Jeremy K Nicholson, Imperial College London

Berwyck Poad, University of Wollongong

Howard Riezman, University of Geneva

Carsten Schultz, EMBL Heidelberg

Walter Shaw, Avanti Polar Lipids

Michael Sheetz, National University of Singapore

John Shockcor, Waters Corporation

Tai E Shyong, National University of Singapore

Anthony J Sinskey, Massachusetts Institute of Technology

Manfred Spraul, Bruker BioSpin

Roland Stocker, University of Sydney

Scott Summers, Duke – NUS

Markus R Wenk, National University of Singapore

Matthias Wymann, University of Basel

Hongyuan Robert Yang, University of New South Wales

Joshua Zimmerberg, National Institutes of Health

DAY 1 Biology

09:00 *opening remarks*
09:20 Jean Gruenberg
10:00 Peter Devreotes
10:40 *break*
11:10 Gilbert Di Paolo
11:50 Stuart McLaughlin
12:30 Jim Hurley
13:10 *lunch*

14:00 Tai E Shyong
14:40 Volker Haucke
15:20 Rachel Kraut
16:00 *break*
16:30 Hongyuan Robert Yang
17:10 Yuru Deng
17:50 Markus Wenk
18:30 *posters and drinks*
20:00 *bus to hotel*

DAY 2 Technology

09:00 Michael Sheetz
09:40 Joshua Zimmerberg
10:20 *break*
10:50 Frank Eisenhaber
11:30 Vassily Hatzimanikatis
12:10 Christopher Baker
12:50 *lunch*

14:00 Jeremy Nicholson
14:40 Alfred Merrill
15:20 *break*
15:50 John Shockcor
16:10 Manfred Spraul
16:30 Martin Hornshaw
16:50 Berwyck Poad
17:10 Rudi Grimm
18:00 *bus to hotel*
20:00 *conference dinner*

DAY 3 Engineering

09:00 Walter Shaw
09:40 Carsten Schultz
10:20 *break*
10:50 Anthony Sinskey
11:30 Neil Clarke
12:10 Howard Riezman
12:50 *lunch*

Diseases

14:00 Valerian Kagan
14:40 Scott Summers
15:20 *break*
15:50 Roland Stocker
16:30 Matthias Wymann
17:10 Peter Ghazal
17:50 *closing remarks*
18:00 *bus to hotel*