

4th

March 13–16 2012

INTERNATIONAL

SINGAPORE

CONFERENCE

LIPID

ENABLING TECHNOLOGIES
Mass spectrometry • Imaging • Chemical Biology

SYMPO

APPLICATIONS
Model systems • Biomedicine • Plant fat

SUMM

4th International Singapore Lipid Symposium

March 13–16, 2012

National University of Singapore

Center for Life Sciences

Organizer: Markus R Wenk

Once viewed simply as a reservoir for carbon storage, lipids are no longer cast as bystanders in the drama of biological systems. The emerging field of lipidomics is driven by technology, most notably mass spectrometry, but also by complementary approaches for the detection and characterization of lipids and their biosynthetic enzymes in living cells. The development of these integrated tools promises to greatly advance our understanding of the diverse biological roles of lipids.

www.lipidprofiles.com

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Joanne Yew
Temasek Life Sciences Laboratory

Andreas Zumbusch
University of Konstanz

Tue – Mar 13

10:00–12:00 WORKSHOP 1
Lipid metabolism and homeostasis – case studies cholesterol and ceramides
Song Baoliang
Scott Summers

12:30–14:30 WORKSHOP 2
Global standards for mass spectrometry based lipidomics
Harald Koefeler
Dominik Schwudke
Shui Guanghou
Todd Mitchel
Richard Harkewicz

15:00–17:00 WORKSHOP 3
Curating lipidomic information
Ed Dennis
Ioannis Xenarios
TBC
TBC

19:00 *Reception at conference hotel (by invitation)*

Wed – Mar 14

09:00 *Opening Remarks*
09:20 George Radda
10:00 Ed Dennis
10:40 *break*
11:10 Xun Huang
11:50 Andreas Zumbusch

12:30 *lunch*
13:30 Andrej Shevchenko
14:10 Joanne Yew
14:50 *break*
15:30 *break*
16:00 Guan Xueli
16:20 Brendan Prideaux
16:40 Christian Eggeling

17:00 *posters and reception*

19:00 *bus to hotel*

Thu – Mar 15

09:00 Patricia Bassereau
09:40 Herman Overkleeft
10:20 *break*
10:50 Jennifer Kohler
11:30 Toon de Kroon
12:10 Markus Wenk

12:50 *lunch and posters*
14:00
14:40 Karsten Suhre
15:20 Neil Clarke
16:00 *break*
16:30 *selected from abstracts*
16:50 *selected from abstracts*
17:10 *selected from abstracts*

18:00 *bus to hotel*

20:00 *conference dinner*

Fri – Mar 16

09:00 Xu Chenqi
09:40 Takao Shimizu
10:20 *break*
10:50 Igor Butovich
11:30 John Harwood
12:10 Ivo Feussner

12:50 *lunch and posters*

14:00 Chye Mee-Len
14:40
15:20 Chew Fook Tim
16:00 *break*
16:30 Guillaume Thibault
16:50 Yuki Nakamura
17:10 *selected from abstracts*
17:30 *closing remarks*

18:00 *bus to hotel*