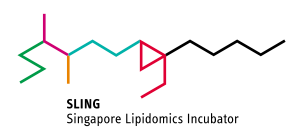




| Los Angeles      | New York         | Zurich           | Delhi | Singapore | Tokyo | Melbourne        |
|------------------|------------------|------------------|-------|-----------|-------|------------------|
| 1500<br>(-1 day) | 1800<br>(-1 day) | 2300<br>(-1 day) | 0330  | 0600      | 0700  | 0900             |
| 1600<br>(-1 day) | 1900<br>(-1 day) | 2400<br>(-1 day) | 0430  | 0700      | 0800  | 1000             |
| 1700<br>(-1 day) | 2000<br>(-1 day) | 0100             | 0530  | 0800      | 0900  | 1100             |
| 0500             | 0800             | 1300             | 1730  | 2000      | 2100  | 2300             |
| 0600             | 0900             | 1400             | 1830  | 2200      | 2200  | 2400             |
| 0700             | 1000             | 1500             | 1930  | 2200      | 2300  | 0100<br>(+1 day) |



| Tuesday Mar 17 |   |
|----------------|---|
| 20'            | <b>Peter Meikle (Baker Inst)</b><br><i>High throughput plasma lipidomics: achievements and opportunities</i>                  |
| 40'            | <b>Jennifer van Eyk (Cedars Sinai)</b><br><i>Proteomics and precision health</i>  |
| 20'            | <b>Chit Fang Cheok (A*STAR)</b><br><i>Metabolic synthetic lethality for cancer therapy</i>                                    |
| 40'            |   |
| 30'            | <b>Global plasma lipidomics</b><br>Markus R. Wenk   |
| 50'            | <b>Yu Xia (Tsinghua U)</b><br><i>Large-scale lipid profiling with isomer resolving capabilities</i>                           |
| 10'            | <b>Tore Skotland (Oslo U Hospital)</b><br><i>The role of PS18:0/18:1 in membrane function.</i>                                |
| 30'            | <b>Alex Apffel (Agilent)</b><br><i>A novel solid phase sample preparation method for lipidomic analysis of plasma samples</i> |
| 30'            | <b>Martin Giera (Leiden U Med Ctr)</b><br><i>Boosting endogenous lipid mediator biosynthesis</i>                              |
| 50'            | <b>Antonia Monteiro (NUS)</b><br><i>Origin and evolution of phenotypic plasticity in butterfly eyespot patterns</i>           |

| Wednesday Mar 18 |  |
|------------------|--|
|                  | <b>Rebecca Haeusler (Columbia)</b><br><i>Bile acid regulation of intestinal lipid sensing</i>  |
|                  | <b>Tim Hla (Harvard)</b><br><i>S1P action via its chaperones and receptors</i>   |
|                  | <b>Long Nguyen (NUS)</b><br><i>Deletion of Mfsd2b impairs thrombotic functions of platelets</i>  |
|                  | <b>Yu Haojie (Beth Isreal Deaconess)</b><br><i>Orphan receptor GPR146: A new therapeutic target for hypercholesterolemia</i>                         |
|                  | <b>Russ Grant (LabCorp)</b><br><i>Analysis of lipophilic vitamins and the slippery slope of perfection</i>   |
|                  | <b>International Lipidomics Society</b><br>Kim Ekroos  |
|                  | <b>Michal Holčapek (U Pardubice)</b><br><i>Lipidomic profiling in pancreatic cancer screening: steps from discovery towards clinical translation</i> |
|                  | <b>Federico Torta (SLING)</b><br><i>Harmonization of lipidomics across platforms and laboratories</i>  |
|                  | <b>Roshni Singaraja (A* Singapore)</b><br><i>Haploinsufficiency for CYP8B1 is a monogenic cause of increased insulin sensitivity</i>                 |
|                  | <b>Steve Watkins (Verso Biosciences)</b><br><i>An Introduction to MarkerLab for Lipidomics</i>   |
|                  | <b>Anna Nicolaou (Manchester)</b><br><i>Dynamics of the skin mediator lipidome</i>   |

| Thursday Mar 19 |   |
|-----------------|---|
|                 | <b>Shankar Subramaniam (UCSD)</b><br><i>Lipidomics mechanisms in human diseases</i>   |
|                 | <b>Xueli Guan (NTU)</b><br><i>Microbial lipids, a greasy business</i>   |
|                 | <b>Bo Burla (SLING)</b><br><i>Supervised Processing and QC of MS-based Lipidomics Data using a novel R/Shiny toolbox</i>  |
|                 | <b>Hyungwon Choi (NUS)</b><br><i>Circulating proteins and lipids associated with atherosclerotic plaques in asymptomatic individuals – an integrative analysis.</i> |
|                 | <b>Anne Bendt (SLING)</b><br><i>Clinical MS: from R&amp;D to implementation to valuation</i>  |
|                 | <b>LIPID MAPS</b><br>Valerie O'Donnell  |
|                 | <b>Gerhard Liebisch (U Hospital Regensburg)</b><br><i>Update of shorthand notation for lipid structures derived from MS</i>   |
|                 | <b>Maria Fedorova (Leipzig)</b><br><i>Human adipose tissue lipidomics atlas</i>   |
|                 | <b>Sim Xueling (NUS)</b><br><i>Metabolites in Chinese and its links to neurological diseases</i>  |
|                 | <b>Lucila Aimo (SwissProt)</b><br><i>SwissLipids, a knowledge resource for lipids and their biology</i>   |
|                 | <b>Arvind Ramanathan (inStem Bangalore)</b><br><i>Lipid mediated control of senescent cells</i>   |

| Friday Mar 20 |  |
|---------------|--|
|               | <b>Ravinder Singh (Mayo Clinic)</b><br><i>Steroid metabolomics-diagnosing adrenal disorders including adrenal cortical carcinoma</i>                           |
|               | <b>Erin Baker (NC State U)</b><br><i>Applying advanced separations and visualization techniques for a multi-omic assessment of complex systems</i>             |
|               | <b>Jentaie Shiea (Natl Sun-Yat Sen U)</b><br><i>Three-dimensional molecular imaging of metabolites on whole body skin with ambient mass spectrometry</i>       |
|               | <b>Xu Chengchao (MIT)</b><br><i>SEE sterol metabolism: specialized, expanded, and exploited</i>  |
|               | <b>Hua Ling (NUS)</b><br><i>Reprogramming microbial cell factories for biochemical production: fatty acids and beyond</i>                                      |
|               | <b>Partner Conferences</b><br>ICBL, GERL, GRC  |
|               | <b>Michael Zimmermann (EMBL)</b><br><i>Identification of microbiome-encoded enzymes involved in drug metabolism</i>  |
|               | <b>Rosario Domingues (U Averio)</b><br><i>Looking in deep in oxidized aminophospholipids using MS tools to unveil their modulatory effects in immune cells</i> |
|               | <b>Philipp Khaitovich (Skoltech)</b><br><i>Lipidome analysis of the human brain</i>  |
|               | <b>Jos Brouwers (U Medical Ctr Utrecht)</b><br><i>Translational Lipidomics</i>   |