

## SLING training course

### “i c lipid” – immersion course into mass spectrometry-based lipidomics

National University of Singapore

Lipids, commonly known as “fats”, occur naturally in bewildering chemical complexity. They are main components of oils, fuels and bio-membranes in living organisms and are also widely used as lubricants and detergents. Mass spectrometry has become a powerful approach for systems level scale analysis of lipids (lipidomics).

The **key objective** of this SLING training course is to provide an effective primer to mass spectrometry based lipidomics. The format is intensive (5 days with morning lectures followed by practical demonstrations in the afternoon), integrated (entire workflow from sample preparation to data interpretation), interactive (small groups, 4-5 tutors/12-16 participants).

#### Who should attend?

Students and scientists who wish to embark into lipidomics. Experience in mass spectrometry is advantageous but not a requirement.

#### Lecturers & tutors

Markus Wenk (Principal Investigator) is a well-known expert in the field of lipidomics. His laboratory is considered one of the leading groups worldwide in the emerging field of lipidomics. Dr Wenk together with five senior scientists and research assistants from the Singapore Lipidomics Incubator will deliver the lectures and practical demonstrations.

#### Location

The event will be held at the SLING facilities located at the National University of Singapore, Centre for Life Sciences.

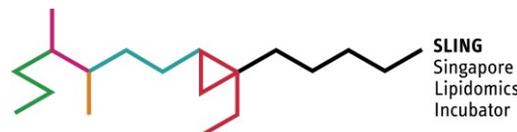
#### Registration and costs

The course cost of SGD 5,000 for academic and SGD 8,000 for corporate participants includes all lectures, demonstrations and handouts, as well as catering during coffee and tea breaks. Travel and accommodation are at the discretion and responsibility of the participants. For registration please contact Dr Anne Bendt ([anne.bendt@nus.edu.sg](mailto:anne.bendt@nus.edu.sg)).

#### About SLING

Understanding better the fundamentals of natural variation in lipidomes as well as specific recognition of individual lipid species are main scientific aims of **SLING**, the Singapore Lipidomics Incubator. Here, chemical diversity is visually communicated by the colored letters **S-L-I-N-G** in the

left part of the imaginary hydrocarbon structure. SLING is a major global magnet for collaborating parties in lipidomics - from academia and industry - delivering new technologies and intellectual capital (<http://www.sling.nus.edu.sg>).



For further information please contact  
Associate Professor Markus Wenk ([markus\\_wenk@nuhs.edu.sg](mailto:markus_wenk@nuhs.edu.sg)) or  
Dr Anne Bendt ([anne.bendt@nus.edu.sg](mailto:anne.bendt@nus.edu.sg)), (+65) 6516 6683