



# Mass Spectroscopy hands-on seminar: Peptide Innovation, From Identification to Omics

## Special lecture

Column chemistry for peptide analysis,

Merck

Using the BioAccord LC-MS system testing:

Alternates for Alternative Meats

Waters Corporation

## Special Forum



**Towards plant-based  
innovation using  
metabolomics**

Assoc. Prof. Supaart Sirikantaramas, Ph.D.  
(Dept. Biochemistry, Faculty of Science,  
Chulalongkorn University)



**Enzyme engineering x  
Glycoproteomics:  
Engineered OGT for protein  
O-GlcNAcylation in cells**

Chanat Aonbangkhen, Ph.D. (Dept.  
Chemistry, Faculty of Science,  
Chulalongkorn University)



**Application of proteomics  
and peptidomics in foods**

Yodying Yingchutrakul  
(National Omics Center,  
NSTDA)



Online for Lecture and  
forum via MS team

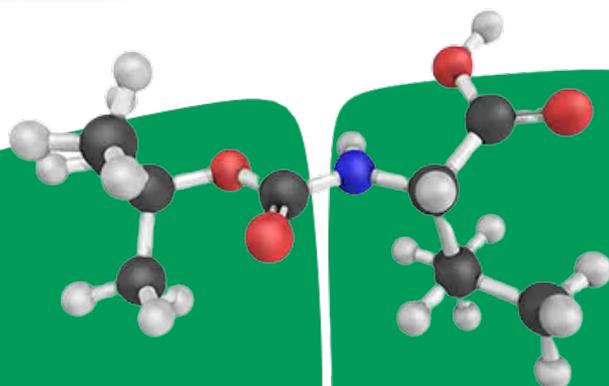


Onsite for the  
workshop: Limited for  
10 people

29-30 September 2022  
09.00 AM – 4.00 PM

K102 and LCMS Laboratory,  
Central instrument Facility (CIF)  
Faculty of Science, Mahidol  
University

Scan now for the free registration





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## Hands-on workshop

- ❑ Liquid chromatography-Mass spectroscopy setting for peptide quantification in food hydrolysates
- ❑ Peptidome profiling analysis using Orbitrap HF mass spectroscopy
- ❑ Bioactive peptide from natural products: From sample preparation to sequence identification using de novo sequencing methods

Suchewin Krobthong, Ph.D.  
Yodying Yingchutrakul  
Wattanapong Sittisaree



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