

Workshop on Mass Spectrometry-based Metabolomics (July 11-13, 2019)

(<http://csbmm.yenepoya.edu.in/workshop/mw19/>)

Center for Systems Biology and Molecular Medicine (CSBMM) at Yenepoya Research Centre (YRC) is an advanced multidisciplinary research center with state-of-art infrastructure to carry out genomics, proteomics, proteogenomics and metabolomics investigations. CSBMM is one among the 18 institutes selected by K-Tech, Government of Karnataka for hosting Biotechnology Skill Enhancement Programme (BiSEP) to prepare the students with industry ready skill sets. CSBMM offers "Post Graduate Diploma in Multi-omics Technology" under BiSEP course. The scientists at CSBMM are carrying out cutting edge research metabolomics employing mass spectrometry-based approaches to understand the biochemical activity of biological systems. CSBMM has a state-of-art mass spectrometry facility consisting of Orbitrap Fusion Tribrid and QTRAP 6500 mass spectrometers. The scientists at CSBMM will share their expertise in mass spectrometry-based metabolomics including sample preparation to metabolite data analysis through a hands-on workshop. This workshop is jointly organised by CSBMM, YRC under the aegis of BiSEP (K-tech, Government of Karnataka).

Benefits of the workshop

As a part of this 3-day intensive training we will introduce, demonstrate and provide theoretical underpinnings of high-resolution mass spectrometry-based metabolomics technologies and their application to understand the system-level effects of metabolites. Each participant will gain hands-on training on sample preparation and data acquisition.

Participation charges

Student: Rs. 7,000; Faculty: Rs. 10,000; and Industry: Rs. 20,000

Focus of the workshop

- Introduction to metabolomics
- Basics of chromatography
- Basics of LC-MS/MS
- Sample preparation approaches
- Sciex QTRAP 6500 mass spectrometer
- Metabolomics data analysis
- Metabolite identification

Workshop Venue

<http://csbmm.yenepoya.edu.in>

To enroll, please click on the following link

<http://csbmm.yenepoya.edu.in/workshop/mw19/register.php>

For further details please contact

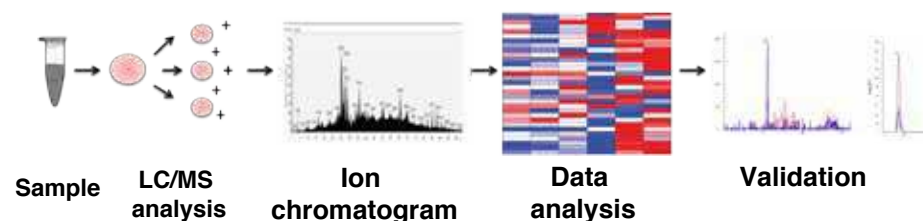
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Website: <http://csbmm.yenepoya.edu.in>

Read more about BiSEP

<http://csbmm.yenepoya.edu.in/BiSEP/>



Poster presentation

Submissions for research posters are cordially invited from the participants and the selected posters will be awarded cash prizes along with certificates.

Resource personnel

- Dr. T. S. Keshava Prasad, Professor, CSBMM
- Dr. Prashant Kumar Modi, CSBMM
- Dr. Shobha Dagamajalu, CSBMM

Coordinators

- Dr. T. S. Keshava Prasad, BiSEP course coordinator
- Mr. Arun H. Patil, BiSEP Faculty

Join our Workshop WhatsApp group to stay updated on the workshops conducted by us:

<https://chat.whatsapp.com/HmAXNwyjk3d7rdKtSckekw>



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