

Workshop on Fundamentals of Mass Spectrometry-based Proteomics for Beginners (July 15-17, 2019)

(http://csbmm.yenepoya.edu.in/workshop/pw_July19/)

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, and metabolomics investigations. As a part of the academic program of Yenepoya (Deemed to be University), scientists at CSBMM will share their expertise in high-resolution mass spectrometry-based proteomic technologies with young researchers of India through this workshop. 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 Multiomics Technology" under BiSEP course. 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 long intensive hands-on training, we will introduce, demonstrate and provide theoretical underpinnings of high-resolution mass spectrometry-based proteomic technologies and their application to clinical and biological research. Each participant will obtain hands-on training on sample preparation and mass spectrometry-derived proteomic data analysis.

Participation charges

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

Focus of the workshop

- Introduction to proteomics
- Basics of mass spectrometry
- Workflow of a typical proteomics study
- Fractionation techniques
- Applications of mass spectrometry-based proteomics
- Approaches for quantitative proteomics

Poster presentation

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

Workshop Venue

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

To enroll, please click on the following link

http://csbmm.yenepoya.edu.in/workshop/pw_July19/register.php

For further details please contact

Phone: 0824-2204668 (Ext: 2057)

Email : csbmm_workshop@yenepoya.edu.in

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

Read more about BiSEP

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

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

<https://chat.whatsapp.com/HmAXNwyjk3d7rdKtScckw>



Invited subject experts

- Dr. Pushkar Sharma, NII, New Delhi
- Dr. Richard Kumaran Kandasamy, NTNU, Norway
- Mr. Gaurab Banerjee, COO, MolSys Scientific

Resource personnel

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

Coordinator

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



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