Workshop on Mass Spectrometry based Quantitative Proteomics for Beginners

Institute of Bioinformatics (IOB) is a premier center for Proteomics and Computational Biology. IOB has established a state -of-the-art proteomics facility that is being utilized to explore and validate candidate biomarkers in a wide array of human diseases ranging from neurological disorders and infection diseases to cancers.

Scientists at IOB will share their expertise in using high -resolution mass spectrometry for proteomics with young researchers in India through a series of workshops. We have successfully conducted ten workshops on high resolution mass spectrometry - based proteomics. Several faculties and students from reputed Research Institutes and Universities from India have participated in these workshops.

Benefits to participants

As a part of this 4 - day long intensive workshop 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 get hands -on training for sample preparation and mass spectrometry - derived proteomic data analysis.

Registration

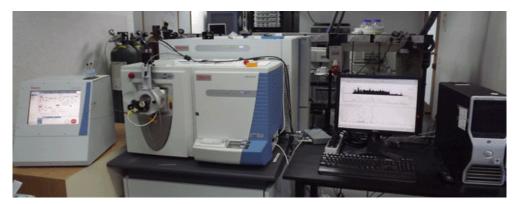
Visit http://www.ibioinformatics.org/reg_proteomics.php to register for the workshop with valid DD or online cash transfer details. Candidates will be selected on first -come, first - served basis.

Registration fee

Participants from Students: - Rs. 17,250
Participants from Academicians: -Rs. 23,000
Participants from Industry: - Rs. 28,750

Workshop Guide

Visit http://ibioinformatics.org/workshop/msfundamentals/index.html to go through workshop guide.



Contact

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September 26 - 29, 2016

Focus of the Workshop

- Introduction to proteomics
- Hands on training for mass spectrometry data analysis
- Workflow of typical proteomics study
- Fractionation techniques
- Demonstration of LTQ -Orbitrap Velos and TSQ Quantum Ultra mass spectrometry

Who should attend

Students from Biomedical field

Post -doctoral fellows

Faculty from colleges

Researchers from academic institutes

R&D personnel from industries

Speakers

Dr. Akhilesh Pandey

Dr. T.S. Keshava Prasad

Dr. Harsha Gowda

Dr. Aditi Chatterjee

Dr. Remya Raja

Other Scientists at IOB

