

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. 15,000
Participants from Academicians: - Rs. 20,000
Participants from Industry: - Rs. 25,000

NOTE: Proteomics Society, India (PSI) is providing registration support for two students (in the form of an award), who will be picked up by the trainers in the workshop based on an internal assessment.



Contact

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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. T.S. Keshava Prasad
- Dr. Harsha Gowda
- Dr. Utpal S. Tatu (IISc)
- Dr. Anita Mahadevan (NIMHANS)
- Dr. Aditi Chatterjee
- Dr. Remya Raja
- Other Scientists at IOB



PROTEOMICS SOCIETY,
INDIA