

# Workshop on SILAC, iTRAQ and TMT-based Quantitative Proteomics Technology

**Date:** April 10 - 12, 2014

**Timings:** 9:00 AM Onwards

**Venue:** Institute of Bioinformatics

## Focus of the Workshop

- iTRAQ/TMT/SILAC labeling
- Quality control
- LC-MS/MS analysis
- Mass spectrometry data analysis
- Protein quantitation

## Who should attend

- Post graduate and Ph.D students
- Post-doctoral fellows
- Faculty from colleges
- Researchers from academic institutes
- R&D personnel from industries

## Speakers

- Prof. Akhilesh Pandey
- Dr. Ravi Sirdeshmukh
- Dr. Keshava Prasad
- Dr. Aditi Chatterjee
- Dr. Krishna R. Murthy
- Dr. Nandini Sahasrabudhe

## Contact

Institute of Bioinformatics, Discoverer Building, 7<sup>th</sup> Floor, International Tech Park(ITPB), Whitefield, Bangalore -560066, India

**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 various quantitative proteomics strategies with young researchers in India, through a series of workshops. We have successfully conducted eight national workshops covering various aspects of 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 3-day long intensive training, we will introduce, demonstrate and provide theoretical underpinnings of mass spectrometry-based quantitative proteomics technologies such as SILAC, iTRAQ and TMT and their application to clinical and biological research. Each participant will get hands-on training for sample prep, iTRAQ/TMT labeling and subsequent data analysis.

## Registration

Visit [http://www.ibioinformatics.org/reg\\_q\\_proteomics.php](http://www.ibioinformatics.org/reg_q_proteomics.php) to register for the workshop with valid DD details. Candidates will be selected on first-come, first-served basis.

## Registration fee

Participants from Academia - Rs. 15,000

Participants from Industry - Rs. 20,000

Participants from Academia (students) - Rs. 10,000

Participants from J & K and North-East India - Rs. 10,000



