National Symposium and Workshop On Quantitative Proteomics

March 06-10, 2017

Institute of Life Sciences, Bhubaneswar, Odisha, India

National Symposium and Workshop on Quantitative Proteomics (NSWQP2017)

Convener: Dr. Amol R. Suryawanshi

Quantitative proteomics with recent advancement has emerged as an essential technique in biological research as it gives identification and quantification of proteins using mass spectrometry based approach. It has become more useful as it can be applied in various areas of clinical and biological research. The National Symposium and Workshop on Quantitative Proteomics (NSWQP2017) was conducted at Institute of Life sciences, Bhubaneswar, Odisha, India from March 06-10, 2017. This programme included one day Symposium on Mar 06, 2017 followed by four days workshop from March 07-10, 2017. This was supported by Proteomics Society-India (PSI), GE Healthcare and Sciex, India.

The Symposium was mainly focused on the application of high through put quantitative proteomics techniques to different aspects of life sciences where several eminent invited speakers from different areas presented their research work and shared their knowledge and experiences. Total 80 delegates have attended the symposium including mainly Ph.D. / M.D. Research Scholar and Faculties from Research Institutes, Universities and Medical colleges. Overall, all the scientific talks of symposium were highly motivating and encouraging for the participants. Symposium concluded with remark by session chairs and vote of thanks by the convener.

The workshop was aimed to provide training to research scholars and young faculties working in the field of proteomics. Out of many applications received, total 15 participants from different parts of India were shortlisted which included PhD Scholars and Young Scientists /faculties from many reputed Research Institutes and Universities. The 4-day long intensive workshop was consisting of two modules. First was gel based quantitative proteomics approach conducted on day one that was Demonstration of DIGE experiment and Gel analysis by Decyder software. It was followed by second module called gel free approach that included Introduction to proteomics, Basics of mass spectrometry, Workflow of a typical proteomics study, Protein identification / quantification by Mass Spectrometry (iTRAQ),

5800 MALDI TOF/TOF - A working model of high resolution mass spectrometer and Tandem mass spectrometry data analysis wherein the main focus was to introduce, demonstrate and provide hands-on training for multiplex iTRAQ experiment and mass spectrometry-derived proteomic data analysis.

Participants were highly motivated and found the workshop significant and very much helpful for proteomics users. Workshop concluded with valedictory function by awarding a workshop completion certificate to participants by the chief guest, Mmementos as a token of appreciation to the Instructors and finally vote of thanks by the convener.

Group photo of delegates who attended one day Symposium conducted on Mar 06, 2017 during National Symposium and Workshop on Quantitative Proteomics (NSWQP2017) at Institute of Life Sciences, Bhubaneswar, Odisha, India from March 06-10, 2017

Group photo of workshop participants of National Symposium and Workshop on Quantitative Proteomics (NSWQP2017) conducted at Institute of Life Sciences, Bhubaneswar, Odisha, India from March 06-10, 2017.

Photoes of NSWQO2017


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