



Workshop on
“Proteomics: High Throughput Analysis of Proteins and Proteome
by Mass Spectrometry
22nd - 26th March 2010
Place: ICGEB, New Delhi

Organizer: V Siva Reddy, Group Leader

Background

As a part of the NAIP, Component 4 funded consortium program, we are pleased to announce a five-day workshop on the “**Proteomics: High Throughput Analysis of Proteins and Proteome by Mass Spectrometry**” at the International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi – 110067.

Lecture topics

- Introduction to MALDI TOF mass spectrometry
- Role of mass spectrometry in protein and proteome analysis
- Mass spectrometry based approaches for large scale mapping of proteome

Laboratory topics

- Extraction of proteins from plant tissues
- Analysis of proteins on 2D gel electrophoresis (IEF & SDS PAGE)
- Protein identification
- Tandem mass spectrometry based sequencing
- Nano LC based large scale proteome mapping
- Data acquisition and analysis
- Data interpretation

We cordially invite applications from suitable candidates (scientific staff/technical officer/student/post doc) to participate in the workshop. Preference will be given to people working in the NAIP funded consortia, ICAR institutes and in the Agriculture Universities. Selected candidates will be notified latest by 5th March 2010.

Participants will receive local hospitality for the duration of the Workshop and participants from out side Delhi will be provided accommodation (twin share basis) at ICGEB guesthouse. Please note that there is no registration fee and travel is NOT funded.

Contact: Submit your curriculum vitae and a short list of publications (if any), a supporting letter from the relevant authorities to: Dr. V. Siva Reddy, ICGEB, Aruna Asaf Ali Marg, New Delhi – 110 067, India.

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