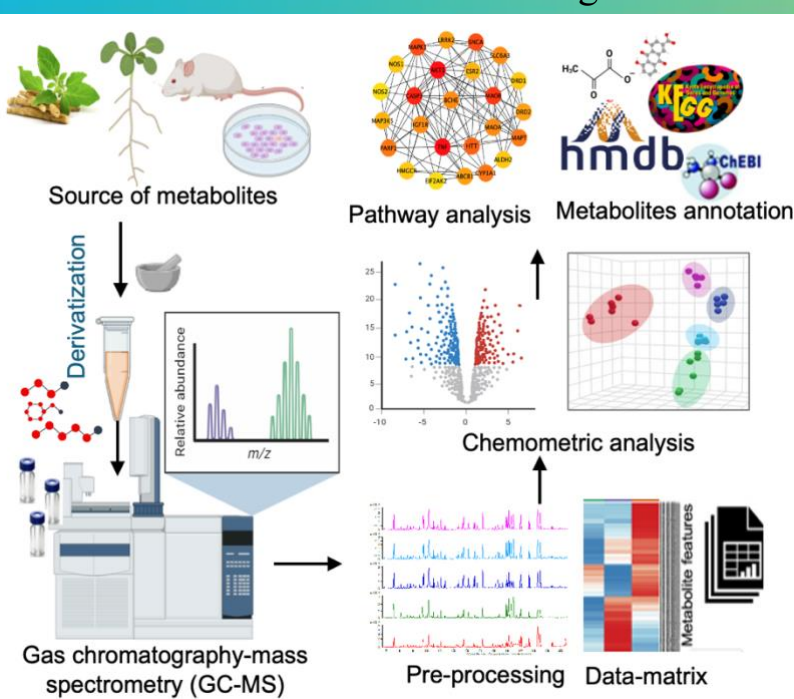


CSIR-CIMAP

National Workshop on GC-MS-based Metabolomics



Metabolome profiling provides a detailed snapshot of the biochemical status of biological systems plays a crucial role in areas including plant research, microbial research, clinical diagnostics and food quality control. GC-MS-based metabolomics has gained significant importance for the detection and quantification of volatile and semi-volatile compounds, as well as thermally stable metabolites such as amino acids, organic acids, sugars, and fatty acids. To enable accurate characterization and interpretation of metabolic signatures, researchers must be equipped with efficient sample preparation, derivatization techniques, optimization, and data processing workflows. The focus area of this workshop will include state-of-the-art GC-MS based metabolomics with following



Focus areas

- Sample preparation strategies (Targeted/Non-targeted), Derivatization
- Metabolite Profiling using Gas chromatography-Mass Spectrometry
- Data processing, targeted & untargeted metabolites analysis
- Multivariate Data Analysis, Data visualization, Chemometrics, ML models

Organized by

Dr. Prabodh K Trivedi
Director

Dr. Ratnasekhar CH
Metabolomics Scientist

How to apply: Give a brief write-up (600 words max) on how this workshop can benefit your ongoing research work, in the application form provided with this brochure. If your application is shortlisted, you will be communicated for registration fee payment.



Apply before
10th November



16th-18th
December



CSIR-CIMAP
Lucknow



Payment Details:

In favor of: Director, CSIR-CIMAP, Lucknow

Bank Name: State Bank of India, Main Branch, Hazratganj, Lucknow

Account No.: 30267691783

IFSC Code: SBIN0000125

MICR Code: 226002002

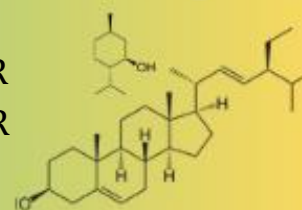
Branch Code: 000125

Note: No refund under any circumstance.

Registration fee

Academia: 8000 Rs INR

Industry: 16000 Rs INR



Accommodation

Accommodation will be provided at CIMAP guest house

Dates and timings

16th -18 th December 2025 (3 Days)

Training timings: 9:30 AM to 6:00 PM

Contact

Ratnasekhar.cimap@csir.res.in

Director@cimap.res.in



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