



Advanced Training Program HPLC/LC-MS Based Drug Discovery & Dereplication Strategies for Natural Product Lead Identification

(Duration, 5 Days)

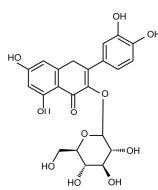
Medicinal plants



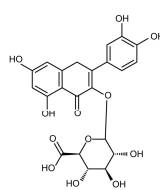
Neem

Tulsi

Brahmi



Quercetin 3-glucoside



Quercetin 3-glucuronide

Organized by
Sophisticated Analytical Instrument Facility & Research Division
CSIR-Central Drug Research Institute, Lucknow



Facility, Supported by
Department of Science & Technology
(Govt. of India)

परिष्कृत विश्लेषणात्मक उपकरण सुविधा (सैफ, लखनऊ) सीएसआईआर-केंद्रीय औषधि अनुसंधान संस्थान, लखनऊ

Objective of training program

The proposed training program will provide an opportunity to experience the HPLC/LCMS techniques and initiate lively discussion among research scientists, academicians and young researchers to share their knowledge in the areas of **Drug Discovery** and **Rapid Natural Product Lead Identification**. The beginners will get a chance to familiarize themselves with Drug Discovery approach and gain confidence by observing real situation. This training will focus on utilization of analytical techniques for drug discovery and development. **Total number of participants will be maximum 10 and decided based on their area of interest, pre booked slot between Monday to Friday and availability of accommodation at CSIR-CDRI, Guest House.**

Topics to be covered

Overview of the drug Discovery.

Selection of raw material for drug Discovery.

Basics of HPLC /LC-MS and their applications.

Applications of HPLC/LCMS for lead identification and dereplication of known bioactive agents.

Biological assays, screening protocols and services available with in institute.

Visit of CSIR-CDRI facility followed by discussion.

Registration fee

Training Fee	(One Week) INR
Private Organizations & Industry	6000/-
Academic/Govt. faculty	4000/-
Students/ Research Scholars	3000/-

Venue

CSIR-Central Drug Research Institute, Jankipuram Extension, Sitapur Road, Lucknow-226031 (U.P.), India.

Accommodation & food

We will try to provide accommodation & food in CDRI GH (if available) on payment as per CSIR rule, (accommodation charges will be paid by trainee/Maximum Rs.300/- per bed per day).

Electronic payment by NEFT:

Name of A/C Holder: Director CDRI, Lucknow

Account number: 30269374557

Name of Bank: State Bank of India, Branch: CDRI, IFSC code: SBIN0010174

Place: Lucknow 226031

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सत्यमेव जयते

GSTIN 09AAATC2716R8Z6
Legal Name COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
Trade Name, if any CENTRAL DRUG RESEARCH INSTITUTE

Eligibility

Candidates possessing master or equivalent degree in chemical/biological science, and have minimum B.Sc. level knowledge of chemistry as a subject and working in a government or private sector and are interested in training to maintain or to upgrade knowledge and develop skills.

How to Apply

Submit the duly filled and signed application form (Annexure I) along with official letter from the Head of the Department /concerned organization sponsoring the candidate for the training, clearly mentioning the duration and specific area in which the training is required.

Award of Certificate

Certificate will be awarded to those candidates having at least 75% attendance and have recommendation of successful completion from the Supervisor/Nodal Person.

Correspondence:

All correspondence should be addressed to:

Dr. Sanjeev Kanojiya

Sr. Principal Scientist & Training Supervisor,
In-charge Mass Spectrometry Unit,
Sophisticated Analytical Instrument Facility & Research, Division,
CSIR-Central Drug Research Institute, Sector-10, Jankipuram Extension,
Sitapur Road, Lucknow-226031(U.P.) INDIA
Phone- 522-2772550, Ext. 4510
E-mail: sanjeev_kanojiya@cdri.res.in

For any other information, please contact

E-mail: saif_cdri@cdri.res.in,
Mobile: +91-522-2772550, Ext. 4509, 4624 Mr. Dharmesh Kumar (M) +91 9882077568 (only Monday to Friday, between 10 AM to 04.30 PM)