



# Liquid Chromatography for Natural Products Discovery

Date : 23-25 May 2016  
Venue : Level 9, FF3, UiTM Puncak Alam

## Learning Outcomes:

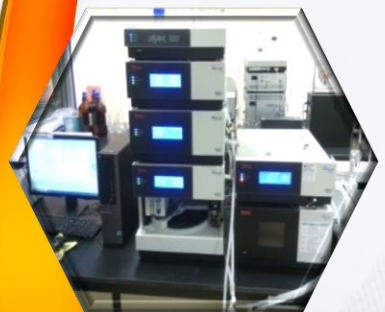
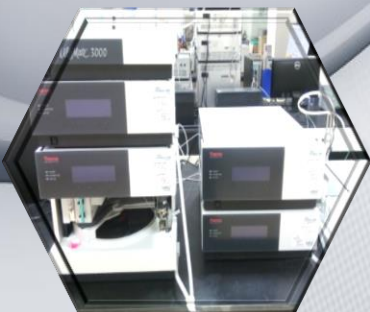
At the end of the workshop, the participants will:

- Be familiar with approaches, methods and instruments specific to chromatographic isolation of natural product research.
- Have gained practical experience in method development for natural product analysis and isolation.

## Who Should Attend:

### Scientists involved in natural product research, including:

- R & D Officers from the herbal Industry.
- Researchers from private or public institutions involved in the identification of active ingredients and/or markers from plant material and /or natural extracts.
- QC officers involved the identification of adulterants in herbal products.



## Programme

23/05/2016	9.00-9.30	Registration
	9.30-11.00	Lecture: Introduction, principles of liquid chromatography
	11.00-12.30	Lecture: Types of LC, detection, instrumentation
	12.30-2.00	Lunch
	2.00-4.30	Practical: UHPLC and HPLC analysis of a crude extract
	4.30-5.00	Tea Break & Discussion
24/05/2016	9.30-11.00	Lecture: Method development ; analytical method
	11.00-12.30	Lecture: Scaling-up from analytical to preparative scale
	12.30-2.00	Lunch
	2.00-4.30	Practical: MPLC, recycling HPLC, prep LC
	4.30-5.00	Tea Break & Discussion
25/05/2016	9.30-12.30	Practical: Isolated compounds analysis
	12.30-2.00	Lunch
	2.00-4.30	Final discussion: Participants (groups) presentations conclusion
	4.30-5.00	Tea Break & End of program

- Registration: - Before 18 May 2016
- Limited number of participants based on first come first serve basis.
  - Normal participants: RM 1500.00
  - Students: please contact us.

For registration and further enquiries, please contact:

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