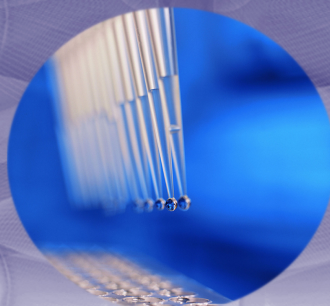


## PROGRAMME

Day	Activity
12.04.16	0830 - 0930 Registration 0915 - 1030 Lecture: Introduction to protein purification 1030 - 1100 Morning break 1100 - 1200 System introduction 1230 - 1400 Lunch 1400 - 1630 Hands-on: Sample preparation 1630 - 1700 Tea/coffee break (end of day 1)
13.04.16	0900 - 1000 Lecture: Protein Chromatography – Introduction to Protein Separation Techniques 1000 - 1200 Hands-on: Column packing and evaluation 1230 - 1400 Lunch 1400 - 1630 Hands-on: Ion exchange chromatography 1630 - 1700 Tea/coffee break (end of day 2)
14.04.16	0830 - 0930 Lecture: SDS-PAGE – Basic Theory and Introduction 0930 - 1000 Morning break 1000 - 1200 Hands-on: Gel-casting, sample loading and electrophoresis 1200 - 1300 Demo: Protein acquisition and analysis (SYNGENE) 1300 - 1400 Lunch 1400 - 1500 Lecture: Process scale development 1500 - 1600 Lecture: Case study 1600 - 1630 Tea/coffee, certificate presentations End of the workshop



## 3<sup>rd</sup> ENZYME PURIFICATION WORKSHOP



**UPM**  
UNIVERSITI PUTRA MALAYSIA  
BERSILU BERSAKTI



### SECRETARIAT 3<sup>rd</sup> ENZYME PURIFICATION WORKSHOP

DEPARTMENT OF BIOCHEMISTRY,  
FACULTY OF BIOTECHNOLOGY &  
BIOMOLECULAR SCIENCES,  
UNIVERSITI PUTRA MALAYSIA,  
43400 UPM SERDANG

Phone | 03-89468292/03-89471053  
Fax | 03-89467590  
Email : [biochemwshop@gmail.com](mailto:biochemwshop@gmail.com)

[www.enzyme.upm.edu.my](http://www.enzyme.upm.edu.my)

**"FROM CRUDE TO PURE"**

12-14 April 2016  
Department of Biochemistry  
Faculty of Biotechnology & Biomolecular Sciences, UPM

## 3<sup>rd</sup> ENZYME PURIFICATION WORKSHOP

"FROM CRUDE TO PURE"  
"FROM CRUDE TO PURE"

[www.enzyme.upm.edu.my](http://www.enzyme.upm.edu.my)

### METHOD OF PAYMENT

### INTRODUCTION

This 3-day workshop is conducted by lecturers with vast experience in enzyme and protein technology. The workshop is designed to provide participants with a strong foundation in both theory as well as the practical aspects of protein purification. Topics covered in this workshop include basic and advanced techniques that can be adapted to suit the participants' interest. Participants undergoing this workshop would be in a position to apply these techniques in their research.

### WHO SHOULD ATTEND

We welcome researchers and graduate students who are working in protein and enzyme biochemistry, structural biology and functional genomics from government and non-government bodies as well as industry players.

#### MORE INFORMATION

For more information, please visit our website at:  
[www.enzyme.upm.edu.my](http://www.enzyme.upm.edu.my)

All bank draft or cheques must be made payable to "Bendahari UPM" and emailed to the Secretariat

Completed registration forms are to be returned together with the payment to the Secretariat

Full fees have to be paid before  
1 April 2016

### REGISTRATION FEE

Participant	Fee
Student	RM 900
Government Agency	RM 1000
Non-Government Agency	RM 1300
International	USD 450

*\*Registration fee covers the workshop materials, refreshments and lunches. Participants must arrange for their own accomodation and transdport*

### 3<sup>rd</sup> ENZYME PURIFICATION WORKSHOP: FROM CRUDE TO PURE

#### VENUE:

BIOTECH 1 BUILDING,  
FACULTY OF BIOTECHNOLOGY &  
BIOMOLECULAR SCIENCES,  
UNIVERSITI PUTRA MALAYSIA  
43400 UPM SERDANG SELANGOR

### REGISTRATION FORM

You may also register online at:  
[www.enzyme.upm.edu.my](http://www.enzyme.upm.edu.my)

Full Name: \_\_\_\_\_

☐ Prof. ☐ Assoc. Prof. ☐ Dr. ☐ Mr. ☐ Ms

Organisation: \_\_\_\_\_

☐ Student ☐ Gov. Agency ☐ Non-Gov. Agency

Address: \_\_\_\_\_

Postal code: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

Telephone (office and mobile): \_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Meal Choice: ☐ Non-vegetarian ☐ Vegetarian

Mode of payment\*: ☐ Bank Draft ☐ Cheque  
☐ Bank Transfer

\*All bank drafts / cheques / bank transfer must be made payable to:

Account name: BENDAHARI UPM  
Bank Name: CIMB BANK BHD  
Account number: 12150005004050