

REGISTRATION

Who should participate?

Research Students
Faculty Members/Professionals

Registration Fee

For Research Students: Rs. 10000/-
For Faculty/ Professionals: Rs.15000/-

Accommodation Charges

For Faculty/Professionals/Students: Rs. 3000/-
Accommodation will be in hostels of the Punjab University and fee will be charged only if residence is available.

How to Apply?

The interested candidates are required to forward their nominations through their supervisors (for research students) and head of department (for faculty/professionals) along with the following:

- Duly filled registration form
- A short CV (1-3 pages only)
- A passport size photograph

Please send complete application form by post to **Dr. Munir Ahmad**, School of Biological Sciences, University of the Punjab, Quaid-e-Azam Campus, Lahore or e-mail at munir.sbs@pu.edu.pk or WhatsApp at 0333-4973275 by Monday, 30th October 2023.

Note

Limited seats are available. After intimation of successful selection from SBS, registration fee and accommodation charges mentioned above have to be deposited till Friday, 3rd November 2023 as per details provided from SBS.

ORGANIZERS

Patron in Chief

Prof. Dr. Khalid Mahmood
Vice Chancellor, University of the Punjab

Patron

Prof. Dr. Sadaf Naz
Acting Director General, SBS

Advisory Committee

Prof. Dr. Javed Iqbal
Prof. Dr. A. R. Shakoori
Prof. Dr. M. Waheed Akhtar
Prof. Dr. Naeem Rashid
Dr. M. Saleem
Dr. Uzma Qaisar
Dr. Asima Tayyeb
Dr. Bushra Tabassum
Dr. Soumble Zulfiqar
Dr. Ayesha Imtiaz
Dr. M. Farhan Ul Haque
Dr. M. Akhtar Ali
Dr. Saima Iftikhar
Dr. Muhammad Ali

Organizing Committee

Prof. Dr. Q. A. Gardner
Dr. Nasir Ahmad
Dr. Mehwish Aslam
Dr. M. Sajjad
Dr. Munir Ahmad
Dr. Naseema Azim

For correspondence and information

Prof. Dr. Q. A. Gardner
E-mail: qagardner.sbs@pu.edu.pk
Cell: 0333-4305799
Dr. Munir Ahmad
E-mail: munir.sbs@pu.edu.pk
Cell: 0333-4973275



National Workshop on Production & Purification of Recombinant Proteins (November 13-17, 2023)



School of Biological Sciences
University of the Punjab
Quaid-e-Azam Campus, Lahore

PREFACE

Since the genesis of recombinant protein, it has been ruling the world in every aspect of life sciences which includes biopharmaceuticals, agriculture and industries. It exploits genetic information flow representing the central dogma of life: **DNA → RNA → protein**.



The main advantage of recombinant proteins over the isolation from their natural sources is that, these can be prepared on a bulk scale in short time, using suitable prokaryotic or eukaryotic expression host systems.

The objective of the National workshop on “**Production & Purification of Recombinant Proteins**” being conducted in our prestigious department School of Biological Sciences, is to provide basic necessary hands-on training on gene expression and various steps involved in downstream processing of recombinant protein production and purification.

Researchers, faculty members and professionals in various departments of life sciences are encouraged to participate in this workshop.

Highlights of the workshop

- ❖ Lectures of the Eminent Professors on “Genetic Engineering and Recombinant Protein Production”
- ❖ Gene expression and downstream bioprocessing
- ❖ Fractionation of soluble and insoluble proteins
- ❖ Recombinant protein profile analysis by SDS-PAGE
- ❖ Protein quantification by various techniques
- ❖ Purification of recombinant protein using advanced chromatographic approaches (HPLC/FPLC).

VENUE AND TIMINGS

School of Biological Sciences (SBS), University of the Punjab, Quaid-e-Azam Campus, Lahore. 54590.

November 13-17, 2023

8:45 am to 5:30 pm daily with a break of 30 minutes for tea at 11.30 a.m. and one hour for lunch and prayer at 01.30 pm.

***Registration form can also be downloaded from www.pu.edu.pk**

REGISTRATION FORM

Photograph

Name:

Department:

Institution:

Designation:

Qualification:

E-mail:

Phone:

Accommodation required: YES / NO
(Please ✓ one of the options)

Recommendation from the Supervisor/HOD