

Workshop on Western Blotting

5th May, 2015

Venue: Department of Microbiology and Molecular Genetics, University of the Punjab Lahore, Pakistan



1 Day
Hands-On
Training

Who Should Attend ?

- Undergraduates/Postgraduates/PhD students
- Laboratory Personnel
- Researchers

Training Methodology

- Comprehensive Lectures
- Demonstrations
- Individual/ group hands-on activities

Location

Department of Microbiology and Molecular Genetics,
University of the Punjab Lahore, Pakistan.

Course Outline

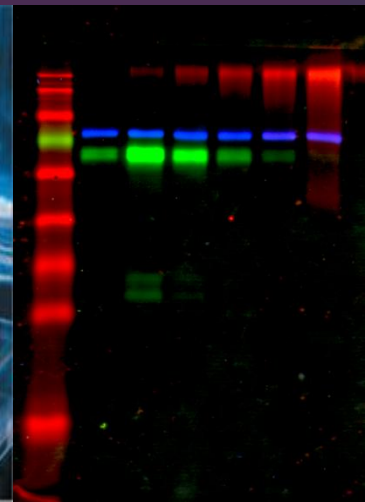
The workshop includes informal lectures and hands-on experience on Western Blotting.

Lecture's Topics

- Introduction and principles of Western Blotting.
- Applications of Western Blotting.

Lab Exercise

- Protein extraction
- Determination of protein concentration
- SDS-PAGE
- Protein transfer from gel to membrane
- Chemiluminescent detection of proteins on blot membrane
- Quantitation of protein expression



REGISTRATION FORM

ORGANIZATION

Patron In Chief

- Prof. Dr. Mujahid Kamran
Vice-chancellor, University of the
Punjab, Lahore.

Patron

- Prof. Dr. Anjum Nasim Sabri
Cheirperson , Microbiology and Molecular
Genetics, PU, Lahore.

Training Instructors

Lead Instructor

- Nousheen Zehra Zaidi (PhD)
Assistant Professor of Department of
Microbiology and Molecular Genetics, PU,
Lahore.

Lab Instructors

- Hina Usman (PhD Scholar)
- Fatima Ameer (PhD Scholar)
- Rida Rashid (PhD Scholar)
- Rimsha Munir (PhD Scholar)
- Muhammad Zaid (PhD Scholar)
- Areeb Iqbal (M.Phil Student)

For registration and course details kindly contact

Rida Rashid

Gene Lab

Department of Microbiology and Molecular Genetics, University of the Punjab Lahore, Pakistan.

westernbloting@gmail.com

Dr./ Mr./Mrs./Ms

Education

Affiliation/Department

Field of interest

Address

Phone

Email

Signature

Registration Fees: 2000 PKR

Last date for Registration: 25th April, 2015

*Registration is limited to the first 15 participants.

Agenda

- Registration (9:00 am – 9:30 am)
- Inauguration (9:30 am – 10:00 am)

Time Slot	Group A	Group B
10:00 am – 11:00 am	<p>Session : Introduction and principles of Western Blotting Speaker: Dr. Nousheen Zehra Zaidi</p> <p>Session : Applications of Western Blotting Speaker: Rimsha Munir</p> <p>Venue: Committee Room</p>	<p>Lab Activity</p> <p><u>Tasks</u></p> <ul style="list-style-type: none"> • Protein Extraction • Protein Estimation • SDS-PAGE <p>Instructor: Rida Rashid, Fatima Ameer, Muhammad Zaid Venue: Tumor Metabolism Lab</p>
11:00 am – 12:00 pm	<p>Lab Activity</p> <p><u>Tasks</u></p> <ul style="list-style-type: none"> • Protein Extraction • Determination of Protein Estimation • SDS-PAGE <p>Instructor: Rida Rashid, Fatima Ameer, Muhammad Zaid Venue: Tumor Metabolism Lab</p>	<p>Session : Introduction and principles of Western Blotting Speaker: Dr. Nousheen Zehra Zaidi</p> <p>Session : Applications of Western Blotting Speaker: Rimsha Munir</p> <p>Venue: Committee Room</p>
12:00 pm – 1:00 pm	LUNCH	
1:00 pm – 2:00 pm	<p>Class Room Activity</p> <p>Instructor: Hina Usman, Areeb Iqbal Venue: Committee Room</p>	<p>Lab Activity</p> <p><u>Tasks</u></p> <ul style="list-style-type: none"> • Protein transfer from gel to membrane • Chemiluminescent detection of proteins on blot membrane • Quantitation of protein expression <p>Instructor: Rida Rashid, Fatima Ameer, Muhammad Zaid Venue: Tumor Metabolism Lab</p>
2:00 pm – 3:00 pm	<p>Lab Activity</p> <p><u>Tasks</u></p> <ul style="list-style-type: none"> • Protein transfer from gel to membrane • Chemiluminescent detection of proteins on blot membrane • Quantitation of protein expression <p>Instructor: Rida Rashid, Fatima Ameer, Muhammad Zaid Venue: Tumor Metabolism Lab</p>	<p>Class Room Activity</p> <p>Instructor: Hina Usman, Areeb Iqbal Venue: Committee Room</p>
3:00 pm	Tea	