

# Department of Microbiology and Molecular Genetics, University of the Punjab

## Presents

### One-Day Workshop on Techniques in Eukaryotic Cell Culture

7<sup>th</sup> Feb 2017

This intensive one-day workshop will focus on a myriad of different techniques used in the eukaryotic cell culture. It will give young researchers in biological and medical sciences a framework for further research and experiments.

#### Who Should Attend ?

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

#### Key Organizers

- Prof. Dr Anjum Nasim Sabri
- Dr. Nousheen Zehra Zaidi

#### Workshop Content

- ✓ Maintenance and manipulation of primary cell culture and cell lines (adherent and non-adherent cells).
- ✓ Cryopreservation and cell banking.
- ✓ Assessment of viability and proliferation of cells grown under various experimental conditions using the MTT Cell Proliferation Assay and Trypan Blue Assay.
- ✓ Protein, DNA and RNA extraction from eukaryotic cells.
- ✓ H&E staining of adherent cells.

**Format** - The workshop includes informal lectures and hands-on experience on basic eukaryotic cell culture techniques.

**Registration Deadline - 5<sup>th</sup> February 2017**

**Registration Fee** 2500 PKR,

**For Students** -2000 PK

**For Current MMGians**-1500 PKR

**Account Details - Title:** M. Zaid, **Ac.** 01827901907903

**Online Registration Link -**

<https://goo.gl/forms/ZuKsr9flp3oqKlkz2>

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