

## Nomination Form

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

Male/Female: \_\_\_\_\_ Qualification: \_\_\_\_\_

Institute/Department: \_\_\_\_\_

University: \_\_\_\_\_

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

\_\_\_\_\_

Tel: \_\_\_\_\_

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

Nominating Authority: \_\_\_\_\_

\_\_\_\_\_

Designation: \_\_\_\_\_

Institute/Department: \_\_\_\_\_

University: \_\_\_\_\_

Research interests: \_\_\_\_\_

\_\_\_\_\_

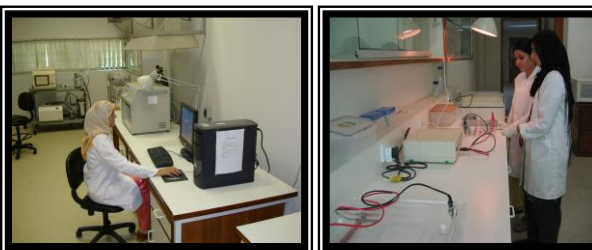
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Signature: \_\_\_\_\_

Stamp: \_\_\_\_\_

## Participation

- The number of participants is limited.
- Last date for submission of nominations form is December 15, 2015.
- Selected participants will be informed through email by December 20, 2015.
- The registration fees payable by the selected participants for workshop is Rs. 5000/-.



**Dr. A. Q. Khan Winter**  
**School**

on

**“Modern Tools &**  
**Techniques in Health &**  
**Disease”**

**December 25-27, 2015**

**Organized by**  
**Dr. A. Q. Khan Institute of**  
**Biotechnology and Genetic**  
**Engineering (KIBGE),**  
**University of Karachi**  
**Karachi-75270**  
**PAKISTAN**

## Introduction

Molecular Biology is an area of major importance in modern health sciences, destined to have an increasing impact on current trends in health care. This highly interactive course will include problem solving sessions. Participants are strongly encouraged to bring ideas for small projects to be addressed during the practical sessions. Workshop will also provide a baseline knowledge to those who are not familiar with modern molecular biology tools and techniques.

Participants should have a degree in a discipline related to biomedical sciences. The preference will be given to those who are already working on related research projects.

The workshop would include lectures and hands-on training session in well-equipped molecular diagnostic facilities at KIBGE, University of Karachi.

## Who should attend?

This three-day practical course will be focused on molecular tools for researchers working in the area of molecular biology, pathology, clinical sciences, pharmaceutical sciences and health related disciplines intending to progress from basic understanding of the disease mechanisms to genetic causes of the disease.

## Workshop Highlights

- Introduction to Molecular Biology
- Project Designing
- Data Mining
- Primers Designing
- Primers Optimization
- PCR Troubleshooting
- Linkage Analysis
- Pedigree Drawing and Analysis
- Introduction to Cytogenetics

- Restriction Fragment Length Polymorphism (RFLP) Analysis and Interpretation
- Next Generation Sequencing: Interpretation of Sequence and Gene Scanning Results

## Instructions

Workshop dates: December 25-27, 2015

Registration by: December 15, 2015

Intimation to the selected participants:

December 20, 2015

Course Fee: Rs. 5000/-

## For registration and further details

### Abid Azhar

Meritorious Professor & Director General

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