

Muhammad Ilyas

MINGORA, SWAT - KPK, PAKISTAN

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EDUCATION PROFILE

PhD Molecular Biology

National Centre of Excellence in Molecular Biology, University of the Punjab, Lahore, Pakistan

Specialization: Personal Genomics, Computational Biology, Population Genetics

Supervisors: Dr. Ziaur Rahman; Prof. Dr. Jong Bhak

PROFESSIONAL EXPERIENCE

Assistant Professor, Present (On Study Leave)

Department of Biochemistry, Abdul Wali Khan University, Mardan, KPK, Pakistan

Visiting Research Scholar, January 2015 – Current

Center for Biomedical Informatics, Harvard University, Boston, MA, USA

Research Fellow, June 2013 – August 2014

National Centre of Excellence in Molecular Biology, Lahore-Pakistan

Researcher, July 2012 – March 2013

Personal Genomics Institute, Suwon, South Korea

Lecturer in Biotechnology, November 2011 – July 2012

Abdul Wali Khan University, (Palosa Campus) Mardan, KPK, Pakistan

Research Assistant, May 2010 – December 2011

National Centre of Excellence in Molecular Biology, Lahore, Pakistan

Researcher, May 2009 – April 2010

Korea Research Institute of Bioscience and Biotechnology, Daejeon, South Korea

Research Officer, April 2008 – January 2009

University of the Punjab, Lahore, Pakistan

HONORS AND AWARDS

- **Fellowship by HEC** under International Research Support Initiative Program.
- Nominated for **Outstanding Researcher** Award (2014) by *Innovative Youth Forum Pakistan*.
- Selected as **Young Scientist fellow** among 75 best young scientists from all over the world, by TWAS and French government.
- **Best Research Paper Award** by *Higher Education Commission* of Pakistan.
- **Travel Grant awarded** by TWAS for attending BIOVISION Next 2013 at Lyon, France.
- **Research Productivity Award (RPA)** by *Pakistan Council of Science and Technology*, Islamabad.
- **Sandwich PhD Scholarship**, by National Centre of Excellence in Molecular Biology, University of the Punjab.
- **Presidential award** in “*All Pakistan Website development Competition*”.
- **Scholarship** for doing MPhil was awarded by National Centre of Excellence in Molecular Biology, University of the Punjab.

PUBLICATIONS

1. Shahzad MS, Rahman Z, **Ilyas M**, et al. 2012. Genetic analysis of 17 Y-STR loci in Pashtun population from Swat Valley, Pakistan. *Int J Legal Med.* 126: S51.
2. **Ilyas M**, Sadique S, Masood K, Qamar R, Chohan SN (2011) The Development of Computational Biology in Pakistan: Still a Long Way to Go. *PLoS Comput Biol.* 7(6).
3. Rafique S, **M Ilyas**, et al. 2011. Positional effect of phosphorylation sites 266 and 267 in the cytoplasmic domain of the E2 protein of hepatitis C virus 3a genotype: Interferon Resistance analysis via Sequence Alignment. *Virology Journal.* 8:204
4. **Ilyas M**, M Alam, H Ahmad et al. 2009. Awareness regarding bioethical issues among the students & faculty of Hazara University Mansehra, Pakistan. *Pak J M ed Sci.* 25(1):97-102.

PROFESSIONAL MEMBERSHIPS

- Steering Committee member of Pan Asian Population Genomics Initiative, *PAPGI Consortium*. Representing Pakistan.
- *Founder President of RSG-Pakistan* for International Society for Computational Biology (ISCB) USA (2010-12).
- *Editor-in-Chief* of NAYS the National Academy for Young Scientists Pakistan (2009-11).
- Member of *Bioethics Committee*, Abdul Wali Khan University Mardan.
- Member of the *National Academy for Young Scientists* Pakistan.
- Member of the *International Society for Computational Biology (ISCB)* USA.