



## ***Faculty Resume***

**Name** **Dr. Mudassar Iqbal**

### **Personal**

Sex Male  
Date of Birth 11-03-1982  
Nationality Pakistani  
Domicile Peshawar (Khyber Pakhtukhwa)  
C.N.I.C No. 17301-1463639-9

Postal Address Department of Agric. Chemistry, KPK  
Agricultural University, Peshawar,  
PAKISTAN

Ph. (off) +92-91-9216903  
Cell: +923469211142  
E-mail: [mudassariqbal@aup.edu.pk](mailto:mudassariqbal@aup.edu.pk)  
Permanent Address H.No:1579 Mohallah Jogiwara, P.O  
Karimpura Peshawar City  
Ph. (Res) 92-91-2550083  
Cell: +923469211142  
Languages Known English, Urdu, Pashto

**Experience** Assistant Professor 13-01-2011

### **Honor and Awards**

#### **Award**

#### **Awarded by**

1. Foreign PhD Fellowship HEC, Pakistan,
2. University of York Wild fund The University of York UK
3. Gold Medal, M.Sc.(Hons) NWFP Agric. Uni. Peshawar
4. Annual merit Scholarship NWFP Agric. Uni. Peshawar

### **Membership**

- Royal Society of Chemistry  
- British Council Alumni  
-KPK Agricultural University  
Peshawar Alimni Association

### **Students Supervised**

**Service Activity**

Teaching and Research

**Brief Statement of Research Interest**

My areas of interest include Agricultural chemistry, organic chemistry, natural products chemistry, and studies towards the bioactive metabolites from the natural products. Currently I am working on couple of projects including; Use of fungal metabolites as a fungicides and detection and isolation of natural products from the biological source and their general bioassay screening. The major aim of my research is to develop the green pesticides from mycological sources.

**Publications****Impact Factor Journals**

1. **Mudassar Iqbal**, Richard J. G. Black, Joby Winn, Andrew T. Reeder, Alexander J. Blake and Paul. A Clarke. Studies on Transannulation Reactions Across a Nine-Membered Ring: the Synthesis of Natural Product-like Structures. *Org. Biomol. Chem.*, **2011**, 9, 5062-5078 (I.F: **3.762**)
2. **Mudassar Iqbal**, Nimash Mistry and Paul A. Clarke, An Asymmetric Maitland-Japp Reaction: A Highly Enantioselective Synthesis of Tetrahydropyran-4-ones. *Tetrahedron*, **2011**, 67, 4960-4966 (I.F: **3.219**)
3. Paul A. Clarke, Richard J.G. Black and **Mudassar Iqbal**. Investigation of Transannulation Reactions Across a Cyclononene Ring. *Synlett.*, **2010**, 4, 543-546 (I.F: **2.178**)
4. Paul A. Clarke, Andrew P. Cridland, Gabrielle A. Rolla, **Mudassar Iqbal**, Nigel P. Bainbridge, Adrian C. Whitwood, Claire Wilson. Studies on the Synthesis of the ABC Rings of (+/-)-Hexacyclinic Acid. *J. Org. Chem.*, **2009**. 74(20), 7812-7821. (I.F: **4.219**)

**HEC recognized other journals**

5. Zafar Iqbal, Hamid-ullah Shah, F.S. Hamid, **Mudassar Iqbal** and Rumeeza Hanif. Minerals Soluble in Black Tea Brew During Infusion and their Role in Human Health. **2006**. *Sar. J. Agric.* 22(3), 529-539.
6. **Mudassar Iqbal**, Zafar Iqbal, Rumeeza Hanif, Hamid-ullah Shah and Habibullah, Phytic Acid and Mineral Content of Different Varieties of Corn, **2005**, *Sar. J. Agric.* 21, 751-775

## Research Grants and Contracts

2

1. **Date:** March 2011  
**Title:** Detection and isolation of bioactive metabolites from biological source and their general bioassay screening  
**Organization:** Higher Education Commission of Pakistan  
**Status:** Ongoing
2. **Date:** May 2011  
**Title:** Use of fungal metabolites as a fungicides  
**Organization:** Directorate of Science and Technology  
**Status:** Ongoing

## Other Research or Creative Accomplishments

NA

- Workshops/Trainings**
1. “*Social Organization Techniques (SOT)*” held on *September 14-15, 2002*, Organized by **Blue veins**.
  2. “*Effective communication Skills*” held on *3-4 May 2003*, Organized by **Blue Veins** and **PWN**
  3. “*Social Organization Techniques (SOT)*” held on *February 18, 2006*, Organized by **Blue Veins**

## Conferences/Workshops/ Trainings/ Symposia Participated

- 2010 **New Horizon in Natural Product Chemistry** (3<sup>rd</sup> November 2010) The University of Nottingham, UK
- 2010 **RSC Organic Division North East Regional Meeting** (15<sup>th</sup> April 2010), Chemistry Department, Durham University, Durham, **U.K.** (poster).
- 2010 **Shell Poster Competition** at Chemistry Department, University of York, Heslington, York, **U.K.** (poster).
- 2009 **21st International Symposium: Synthesis in Organic Chemistry** (20-23 July 2009) St. Catherine’s College, University of Oxford, **U.K.** (poster).
- 2009 **RSC Organic Division North East Regional Meeting** (1<sup>st</sup> April 2009) ,School of Chemistry, University of Leeds, Leeds, **U.K.**

**(poster).**

- 2009 **9<sup>th</sup> Bristol Synthesis Meeting** (31<sup>st</sup> March 2009) Victoria hall, University of Bristol, UK
- 2008 ***Departmental Research Conference***” 16<sup>th</sup> September 2008, at Chemistry Department, University of York, York, **U.K. (poster).**
- 2008 ***Sympoc.2008, 16-18 April 2008,*** at Chemistry Department, University of Durham, Durham, **U.K.**
- 2008 ***RSC Organic Division North East Regional Meeting*** 2<sup>nd</sup> April **2008** at Chemistry Department, Newcastle University, Newcastle, **U.K.**

**Administrative &  
Academic Services**

1. Member, Departmental Assessment Committee.
  2. Member, Students' advisory committee in the Department of Agricultural Chemistry.
  3. Media in charge, Department of Agricultural Chemistry.
  4. Member, Departmental Discipline Committee of Agricultural Chemistry Department.
-