

**Dr. Mohammad Abid,**  
Ph.D.  
Assistant Professor  
(Organic  
Chemistry)



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**PERSONAL INFORMATION:**

**Father's Name:** Mr. Mohammad Yusuf  
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status/Sex:** Indian/ married/ male  
**Permanent address:** M/S Saifi Hardware and Sanitary Store, 208-Gurusganj, Kali Nadi  
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**Academic Profile:**

**2002-2005** Ph.D. (Organic & Medicinal Chemistry), Department of  
Chemistry, Jamia Millia Islamia, New Delhi India Thesis title:  
"Synthesis Characterization & Evaluation of Biological Activity of  
Some Heterocyclic Compounds"  
**2000-2002** M.Sc. Organic Chemistry, A.M.U., Aligarh India (79% Marks)  
Dissertation: "1,3-Dipolar Cycloaddition Reactions".  
**1997-2000** B.Sc. (Hons.) Chemistry, A.M.U., Aligarh India (72% Marks)

**Post-doctoral Research Experience:**

Sept. 2008–Jan. 2010 Post–doctoral Fellow (Ile de France), Laboratoire de Chimie et Biochimie Pharmacologiques et Toxicologiques, UMR–8601, University Paris Descartes, Paris, France.

Aug. 2005–Dec. 2005 Research Associate, Organic Chemistry, IIT Kanpur, India

#### Post–doctoral Teaching Experience:

09 Dec. 2010–present Assistant Professor, Department of Bio–Sciences, Faculty of Natural Sciences, Jamia Millia Islamia, New Delhi–25.

Jan 2010–08 Dec 2010 Assistant Professor, Department of Chemistry, Government Post Graduate College, Musafirkhana, Dist. Sultanpur, UP, India.

April 2008–Aug 2008 Lecturer in Chemistry, Department of Chemical Engineering and Polymer Technology, Jubail Industrial College, Jubail, KSA.

Jan 2006–March 2008 Lecturer in Chemistry, Department of Chemistry, B. N. Degree college, Shahabad, Dist. Hardoi, UP INDIA.

#### Professional recognition, awards, fellowships received:

- **Indian Academy of Sciences–Summer Research Fellowship** for a period of 02 months with Prof. S. Chandrasekaran, Department of Organic Chemistry, IISc Bangalore during **16 May 2011–15 July 2011**.
- Postdoctoral Fellowship (**PDF**) for a period of 18 months with Prof. Isabelle ARTAUD, UMR–8601 at **University Paris Descartes, Paris, France** during **Sept. 2008 to Jan. 2010**.
- Research Associate ship (**RA**) for 5 months under a **DST** Project at Department of Organic Chemistry, IIT Kanpur during **Aug. 2005 to Dec. 2005**.
- Senior Research Fellowship (**SRF**) under a **CSIR** Project for one year with Prof. Amir Azam, Department of Chemistry, JMI New Delhi during Oct. 2004 to July 2005.
- Junior Research Fellowship (**JRF**) under a **CSIR** Project for two years with Prof. Amir Azam, Department of Chemistry, JMI New Delhi during Sept 2002 to Sept 2004.
- Qualified **GATE** conducted by IISc Bangalore with **88.54** percentile (**2002**).
- Cleared **CSIR–NET** (National Eligibility Test for Lectureship) in Dec **2001**.
- **Post Graduate Merit** scholarship from Dept. of Chemistry, A.M.U. Aligarh (UP), India during M.Sc. for two years (**2000–2002**).

#### Research Focus:

##### Synthetic Organic & Bioorganic Chemistry:

Our research interests include the development of new synthetic methodology, heterocyclic chemistry, bioorganic and medicinal chemistry. We place special

emphasis on investigations to define the structure–activity relationships of synthetic or natural agents.

#### Affiliation to scientific society:

- Chemical Research Society of India (Life member).
- Former Member–Indian Chemical Society (2004).
- Former Member –**American Chemical Society** (2009)
- **IUPAC** Sponsored Affiliate Member since 2009.
- Saudi Arabian International Chemical Sciences, Chapter of the American Chemical Society since 2009.

#### List of Publications:

1. **Mohammad Abid** and Amir Azam. Synthesis and anti–amoebic activity of 1–N–substituted cyclised pyrazoline analogues of thiosemicarbazones. **Bioorganic & Medicinal Chemistry**, 13, 6, **2005**, 2213–2220. (IF: 2.822)
2. **Mohammad Abid** and Amir Azam. 1–N–Substituted Thiocarbamoyl–3–Phenyl–2–Pyrazolines: Synthesis and In Vitro Antiamoebic Activities. **European Journal of Medicinal Chemistry**, 40, 9, **2005**, 935–942. (IF: 3.269)
3. **Mohammad Abid**, Kakul Husain, Amir Azam. Synthesis and Antiamoebic activity of New Oxime Ether Derivatives containing 2–Acetyl Pyridine/2–Acetyl–Furan. **Bioorganic & Medicinal Chemistry Letters**, 15, 19, **2005**, 4375–4379. (IF: 2.650)
4. Athar F, Husain K, **Mohammad Abid**, Agarwal SM, Coles SJ, Hursthouse MB, Maurya MR, Azam A. Synthesis and Anti–amoebic Activity of Gold (I), Ruthenium (II) and Copper (II) Complexes of Metronidazole. **Chemistry Biodiversity** 2005 2, 10, 1320–30. (IF: 1.926)
5. Asha Budakoti, **Mohammad Abid**, Amir Azam. Synthesis and Antiamoebic activity of New 1–N–Substituted Thiocarbamoyl–3,5–Diphenyl–2–Pyrazoline Derivatives and Their Pd(II) Complexes. **European Journal of Medicinal Chemistry**, 41, 1, **2006**, 63–70. (IF: 3.269)
6. Mannar R. Maurya, Amit Kumar, **Mohammad Abid**, Amir Azam. "Dioxovanadium (V) and  $\mu$ -oxo bis [ox vanadium (V)] complexes containing thiosemicarbazone based ONS donor set and their anti–amoebic activity" **Inorganica Chimica Acta**, 359, 8, **2006**, 2439–2447.(IF:2.322)
7. **Mohammad Abid**, Amir Azam. "Synthesis, characterization and anti–amoebic activity of 1–(thiazolo[4,5–b] quinoxaline–2–yl)–3–phenyl–2–pyrazoline derivatives. **Bioorganic & Medicinal Chemistry Letters**, 16, 10, **2006**, 2812–2816. (IF: 2.650)
8. Maurya MR, Agarwal S, **Mohammad Abid**, Azam A, Bader C, Ebel M, Rehder D. "Synthesis, characterization, reactivity and in vitro anti–amoebic activity of hydrazone based ox vanadium (IV), ox vanadium (V) and  $\mu$ -bis (Oxo) bis {ox

- vanadium (V) complexes}. **Dalton Transactions** 2006 21, 7, 937–47. (IF: 4.08)
9. Asha Budakoti, **Mohammad Abid**, Amir Azam. "Synthesis, characterization and in vitro anti-amoebic activity of new Pd(II) complexes with 1-N-substituted thiocarbamoyl-3,5-biphenyl-2-pyrazoline derivatives". **European Journal of Medicinal Chemistry**, 42, 4, 2007, 544–551. (IF: 3.269)
  10. Kakul Husain, **Mohammad Abid**, Amir Azam. "Synthesis, characterization and anti-amoebic activity of new indole-3-carboxaldehyde thiosemicarbazones and their Pd (II) complexes" **European Journal of Medicinal Chemistry**, 42, 10, 2007, 1300–1308. (IF: 3.269)
  11. Kakul Husain, **Mohammad Abid**, Amir Azam. "Novel Pd (II) complexes of 1-N-substituted 3-Phenyl-2-pyrazoline derivatives and evaluation of their anti-amoebic activity" **European Journal of Medicinal Chemistry**, 43, 2, 2008, 393–403. (IF: 3.269)
  12. **Mohammad Abid**, Subhash M. Agarwal, Amir Azam. "Synthesis and anti-amoebic activity of metronidazole thiosemicarbazone analogues" **European Journal of Medicinal Chemistry**, 43, 9, 2008, 2035–2039. (IF: 3.269)
  13. **Mohammad Abid**, Abdul Roouf Bhat, Fareeda Athar, Amir Azam. "Synthesis, Spectral studies and anti-amoebic activity of new 1-N-substituted thiocarbamoyl-3-phenyl-2-pyrazoline" **European Journal of Medicinal Chemistry**, 44, 1, 2009, 417–425. (IF: 3.269)

**Conference/ Workshop Attended:**

- International Conference on "Recent Advances in Biomedical and Therapeutic Sciences"
- organized by Bundelkhand University, Jhansi (UP) India (Jan. 13–15, 2004).
- 41<sup>st</sup> Annual Convention of Chemists" hosted by Department of Chemistry, University of Delhi, (Dec. 23–27, 2004).
- Workshop on **Analytical techniques and Instrumentation** conducted by Shaheed Raj Guru College of applied Sciences, University of Delhi (26 Dec 2003–15 Jan 2004).
- International Conference on Chemistry "Frontiers and Challenges" organized by
- Department of Chemistry, Aligarh Muslim University, India (March 05–06 2011).