

Brief Curriculum Vitae of Prof. Dr. Zaheer Ul-Haq

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1994-98	Graduation from University of Karachi
1998-03	PhD in Organic Chemistry, University of Karachi
2003-05	Postdoc in Theoretical Chemistry, University of Innsbruck, Austria
2006-07	Fulbright Fellow, Pittsburgh, USA
2008-15	Assistant Prof. PCMD, University of Karachi.
2010-13	Alexander von Humboldt Fellow, Heidelberg, Germany
2016-20	Associate Professor, Head Computational Medicinal Chemistry, PCMD, UoK
2020-Present	Professor and Head Computational Medicinal Chemistry Unit, PCMD, UoK
2023-Present	Visiting Researcher, Hunan University of Chinese Medicine, China
2023-Present	Visiting Professor, AuRIns at Universiti Teknologi MARA (UiTM), Malaysia

- Over **300** research articles in International Journals with an IF over **1,000**, Citations over **6,500**, H-index, **40**; i10-index, **150**
- **Ten** books and **Three** chapters edited so far.
- Associate Editor *Current Computer Aided Drug Design*
- Editorial Board Member, *The Natural Product Journal* and *Journal of Molecular Graphic and Modeling*.
- Nationally and Internationally Funded Research Projects: Ongoing: **2** Completed: **20**
- Teaching Experience: Over 25 Years
- Research Experience: Over 20 Years
- Thesis guided as Research Supervisor M. Phil / PhD; **35/23**
- Organized over **40** International or National Symposium/Workshop
- Delivered over **50** Keynote / Invited talk in International or National Conferences

Research interests:

- Computational Medicinal Chemistry
- Material Chemistry
- Natural Product Chemistry

Scholarship and Awards:

➤ Pakistan Academy of Science Fellow	2023
➤ Chemical Society of Pakistan Fellow	2015
➤ CSP Gold Medal for Chemist under 40	2016
➤ Cash Award of Research Productivity Allowance (RPA)	2004-2017
➤ Selected to participate in the 61 st Lindau Meeting of Nobel Laureates	2011
➤ Alexander von Humboldt - Georg Forster Research Fellowship, Germany	2010
➤ INSPIRE for the Talented Researcher Exchange Award, UK	2009
➤ Prof. Atta-ur-Rahman Gold Medal in Chemistry	2008
➤ Award of “Star Laureate 2007” by South Asia Publication	2008
➤ Occasional Lecture Program (OLP) Award, USA	2007
➤ Senior Fulbright Fellow, USA	2006
➤ IBRO Fellowship on Cholinesterase (Italy)	2004
➤ Austrian Postdoctoral Fellow	2002

Proficiencies:

- Relevant Skills: Molecular Modeling, Drug Design, Virtual Screening, Docking, Molecular Dynamics, Computational Chemistry, Cluster Analysis, Drug Discovery.
- Experience in Medicinal Chemistry packages including Amber, Sybyl, Autodock, Rasmol, Molmol, FlexX, Gaussian, GaussView, Molden, CS Chem Office, software compilation, desktop publishing, and hardware assembly.
- Detailed knowledge of almost all organic laboratory equipment, especially NMR (including ¹⁹F-NMR, 2D-NMR, and chiral shift reagents), FT-IR, GC, GC-MS, LC-MS, HPLC (analytical and prep), chromatography, photochemical apparatus, low temperatures, inert atmospheres.
- Isolation, degradation, and derivatization of natural products. Structure elucidation with modern NMR techniques including acquisition of 2D NOE and inverse detected experiments. Use of current analytical and predictive tools including HPLC, GCMS, LCMS and Counter current chromatography.
- Success as a laboratory and tutorial instructor in general and organic chemistry. Experienced working in a multidisciplinary team. Appropriate organization, record keeping, verbal and written communication skills.