

Name: Prof. Aqeel Ahmad  
Designation: Chairperson, Department of Biosciences &  
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Qualifications: Ph.D. (Immunology) Birmingham University, UK  
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**Profile:**

Prof. Aqeel Ahmad has more than 40 years of teaching and research experience. Previously, he was associated with the Department of Microbiology, University of Karachi. He is an HEC recognized research Supervisor and has supervised many Masters/M. Phil & PhD students. Published more than 100 research articles in well reputed national and international journals. During his research career he also won several research grants.

He has been visiting faculty at Federal Urdu University of Arts, Science & Technology, Karachi; Jinnah University for Women Karachi; Sindh University Jamshoro; The Agha Khan University (School of Nursing); Dadbhoy Institute of Higher Education.

**Research Interest:**

1. Production of Monoclonal antibodies
2. Production of Immunological reagents
3. Development of Serodiagnostic tests
4. Screening Biological Potentials (antimicrobial, immunomodulatory activities) of plant extracts, purified, semi-synthetic & synthetic compounds.
5. Monitoring microbial pollution.
6. Endophytic fungi
7. Biotransformation
8. Biosafety & Biosecurity

**Selected Publications:**

1. Sohail, M. **Ahmad, A.**, and Khan, SA. (2016) Production of cellulase from *Aspergillus terreus* MS105 on crude and commercially purified substrates. *Biotech.* 6:103 DOI 10.1007/s13205-016-0420-z
2. Khan, R., Shahzad, S., Choudhary, MI., Khan, SA., and **Ahmad, A.** (2010) Communities of endophytic fungi in a medicinal plant-*Withania somnifera*. *Pak. J. Bot.* **42**(2): 1281-87.
3. Mesaik, MA., Zaheer-ul-Haq, Murad, S., Ismail, Z., Abdullah, NR., Gill, K., Atta-ur-Rehman, Yousaf, M., Siddiqui, RA., **Ahmad A.**, and Choudhary MI. (2006) Biological and Molecular docking studies on coagulin-H: Human IL-2 novel natural inhibitor. *Molecular Immunology*, **43**:1855-1863.
4. Mesaik, MA., Rahat, S., Khan, KM., Zia-Ullah, Choudhary, MI., Murad, S., Ismaeil, Z., Atta-ur-Rehman and **Ahmad, A.** (2004) Synthesis and Immunomodulatory properties of selected oxazolone derivatives. *Bioorganic & Medicinal Chemistry*. **12**(9): 2049-2057
5. **Ahmad, A.**, Khan, KA., Ahmed, VU., and Qazi, S. (1986). Antibacterial Activity of Juliflorine isolated from *Prosopis juliflora*. *Planta Medica*, **4**:285- 288.