

PERSONAL INFORMATION



Muhammad Junaid

📍 23200, Department of Biochemistry , University college of Science Shankar, Abdul Wali Khan University, Mardan Pakistan

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💬 Skype junaid_biochemistry

Sex Male | Date of birth 05/03/1991 | Nationality Pakistani

STUDIES APPLIED FOR MPhil Biochemistry

EDUCATION AND TRAINING

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- | | |
|--------------------------------------|---|
| 01 October 2011-19
September 2013 | MSc. Biochemistry (3.71 CGPA)
Department of Biochemistry, Abdul Wali Khan University Mardan |
| 06 th January
2013 | Graduate Assessment Test (GAT) General
National Testing Service, Lahore (Pakistan)
English, Analytical, Mathematics |
| 22 August 2011 | BSc (67.64% Marks)
Govt. Post Graduate College Mardan, Abdul Wali Khan University Mardan
KPK Pakistan |
| 21 July
2009 | Higher Secondary School Certificate (HSSC) (69.45% Marks)
Government Post Graduate College Mardan, Mardan Board of intermediate
and Secondary Education, Mardan (Pakistan)
Pre-Medical |
| 24 June
2006 | Secondary School Certificate (SSC) (77.14%)
Government High School Babozai Mardan, Mardan Board of intermediate and
secondary Education, Mardan(Pakistan)
Science |

WORK EXPERIENCE

June 2013-Present **Research Associate and Teacher Assistant**

Computational medicinal Chemistry lab, Biochemistry department Abdul Wali Khan University Mardan Pakistan.

- Teaching Bioinformatics Software to Master and MPhil Scholars as Teacher Assistant.
- Supervising and assisting more seven MPhil and two MSc students in their Research Projects.

PERSONAL SKILLS

Mother tongue(s)	PASHTOO URDU				
Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	C1	C1	C1
	English Language Certificate from my Educational Institute				
	Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user				
	Common European Framework of Reference for Languages				

Job-related skills**Bioinformatics Skills**

Sequence Alignment; Protein Structure Alignment; Protein Structure Prediction; Phylogenetic Analysis, Primer Designing, Nucleotide and Protein BLAST, Ab-Initio and Homology Modelling of protein , Protein-Protein Docking using Z-Dock Server, Protein-Ligand Docking using MOE Software.

Computer skills

- Operating systems: Windows platform, linux
- Scripting Languages: Python
- Tools: MS-Office
- Graphics Tool: Adobe Photoshop
- Statistical Software: SPSS, MS Excel
- Docking Software: MOE Software GOLD, Autodock
- Protein Modeling and Visualization Software: Modeler V9.10, MOE, Chimera, PyMol, VMD software

ADDITIONAL INFORMATION

Publications **International Publications:**

1. Abdul Wadood , **Muhammad Junaid** , Syed Baber Jamal, Masood shah **Structural modelling and dynamics simulation of camil milk kappa casein:** (submitted)
2. Sheikh Arslan Sehgal , Zaheen Zakir, Syed Babar Jamal , Syeda Naqsh Zahra, Rana Adnan Tahir, **Muhammad Junaid**, Masaud Shah Caffeine (1, 3, 7-trimethylxanthine) the Good and the Bad: (Submitted)
3. Abdul Wadood, **Muhammad Junaid**, ZaheerUIHaq:Molecular modeling and docking study of *Helicobacter pylori* murA UDP-N-acetylglucosamine enolpyruvyl transferase: (Submitted)
4. Muhammad Taha, Nor Hadiani Ismail, Abdul Wadood, **Muhammad Junaid**, Muhammad Khalid, Salima Lalani, Salman Siddiqui, Momin Khan, and M. Iqbal Choudhary **Synthesis of Novel Inhibitors of α -glucuronidase Based On Benzothiazole Skeleton Containing Benzoylhydrazide moiety and their molecular docking study:** (submitted)
5. Momin Khan, Muhammad Yousaf, Abdul Wadood, **Muhammad Junaid**, Muhammad Ashraf, Umer Alam, Muhammad Ali, Zahid Hussain, Khalid Mohammed Khan **Synthesis of Novel Inhibitors of α -Glucosidase Based on Oxindole Skeleton and their Molecular Docking Studies** (submitted)

Honours and awards

- Throughout First Division.
- Throughout Position Holder.
- 1th Position in SSC,