

Madiha Mahmud

Address: House # 123, Nishat Park Paris Road, Sialkot

Email: *madiha.mehmood@gcwus.edu.pk*

EDUCATION

- **Master of Philosophy (Biochemistry/Molecular Biology) 2012-2014**
From: Quaid -i- Azam University Islamabad Pakistan (82%)
- **Masters of Science (Biochemistry/Molecular Biology) 2010-2011**
From: Quaid-i-Azam University Islamabad Pakistan "First Division" (76.7%)
- **Bachelors of Science (Zoology, Chemistry, Applied Psychology) 2007-2009**
From: Punjab University Lahore "First Division"
- **HSSC (Pre-Medical) 2006**
From: (BISE) Gujranwala "First Division" (77.6%)
- **SSC (Science group) 2003**
From: (BISE) Gujranwala "First Division" (81%)

PERSONAL PROFILE

- CNIC: 34603-7120326-6
- Nationality: Pakistan
- Domicile: Sialkot (Punjab)
- Permanent Address: House #123, Nishat Park Paris Road Sialkot
- Religion: Islam

Areas of Research/Expertise

- ✓ Advances in Molecular Mechanism of Diseases
- ✓ Research planning & Report writing
- ✓ Advances in Protein Chemistry
- ✓ Cancer Genetics
- ✓ Advances in Molecular Biology
- ✓ Immunochemistry

Publications

Sr.#	Research/Papers	Status
1	<p>Ali T, Farhat F, Mahmud M, Waheed H, Ishtiaq M , Javed Q and Murtaza I (2015) Serotonin elevated ROS levels induce pathologies in diabetic rat heart, indicating proposed mechanism for diabetes link to cardiac hypertrophy (Archives of Biological Sciences, 67(2), 655-661</p> <p>Paper:https://www.researchgate.net/.../266793690_Serotonin-promoted_elevation_of_ROS_le</p>	Published
2	<p>Ali T, Shaheen F, Waheed H, Mahmud M, Ishtiaq M , Javed Q and Murtaza I (2015) Increased endogenous serotonin level in diabetic condition may leads to cardiac valvulopathy via ROS regulation (Biologia 70/2: 273—278, 2015 Section, Cellular and Molecular Biology)</p> <p>https://www.degruyter.com/view/j/biolog.2015.70.issue-2/biolog-2015-0030/biolog-2015-0030.xml</p>	Published

Table 2	Abstracts Published in Conferences	Status
Sr. #		
1	<p>Mahmud M, Amin S, Maalik S, Mushtaq S, Razzaq R, Qamer M, Nawaz S and Shakeel S (2016) Serotonin, a novel drug for Neurodegeneration in Mouse Model</p>	Accepted
2	<p>Imran S, Maalik S, Mushtaq S, Sajjad R, Qamer M, Mahmud M Nawaz S and Shakeel S (2016) Comparative study of relevant circulatory proteins between Non Insulin Dependant Diabetes Mellitus (NIDDM) and normal female local population</p>	Accepted

Certification/Workshops & Trainings

1. National Symposium on Frontiers in Nanotechnology (NUST May 19, 2012)
2. Biosecurity/Biosafety-Food Safety Enhancement Program Hazard Analysis and Critical Control Point (HACCP) QAU Islamabad May 17-31,2012`
3. International Conference on Applications of Molecular Biology in Medicine and Agriculture (QAU Islamabad August 20-22, 2013)
4. 4-week Induction level Training Of Newly Recruited Educators (GCET Multan November 11 to December 6, 2014)
5. Hands on Training workshop on ‘Publish your Research in High Impact Factor Journals (PU Lahore, November 28, 2015)
6. Hands on Training workshop on ‘Submission of Research projects and Proposals’ (GCWU Sialkot, December 17, 2015)
7. International Conference of Biochemistry, Biotechnology and Biomaterials, University of Agriculture Faisalabad (February 22-24,2016)
8. Organized Seminar on Awareness of Brain Eating Amoeba (GCWU Sialkot, March 17, 2016)
9. One day workshop on Statistical Packages for the Social Sciences (GCWU Sialkot, June 03, 2016)
10. Got an approval for the oral presentation of abstract, “Serotonin, a novel drug for Neurodegeneration in Mouse Model” in one of the academic sessions of 37th Pakistan Congress of Zoology (International) as a First Author.
11. Got an approval for the presentation of abstract, Comparative study of relevant circulatory proteins between Non Insulin Dependant Diabetes Mellitus (NIDDM) and normal female local population as a Co-Author
12. Training on English for Academic Purposes held at Govt. College Women University, Sialkot January 16-20, 2017
13. Organized seminar, ‘Recent Trends in Biological Sciences on March 29,2017
14. One day seminar on Halt the Rise, Beat Diabetes (GCWU Sialkot, April 7, 2016)
15. Two days workshop on Exploring Bacteriophage for Phage Therapy (University of Haripur 4-5 of May,2017)

1. Administrative Duties/Additional duties

#	Duty	Brief Description
1	Admission Incharge BS Zoology(2015-2019) Admission Incharge BS Zoology(2016-2020) Admission Incharge BS Zoology (2017-2021) Admission Focal Person BS Zoology (2018-2022)	Data Entry, Issuance of Fee challan forms to the students, Challan forms Record Maintenance, Correspondence with Admin Block regarding Admission Notifications, Original documents Record Maintenance
2	Semester Coordinator BS (2014-2018) Semester Coordinator BS (2018-2022)	(Issuance of Fee challan forms to the students, Challan forms Record Maintenance, Correspondence with Admin Block regarding Semester Notifications, Students Counselling, Discipline maintenace Ledger uploading and verification of all subjects taught to the above mentioned semester, Laptop Registration and Data verification
3	Member Equipment Technical committee	Protocol designing and Practical Demonstrations of Departmental lab Equipments, Prepare demand (specifications and price)for consumable and non consumable lab items
4	Member Zoological Society	Organize and Manage departmental events

5	Day Officer Duty	To Ensure students enter campus fulfilling all discipline and uniform requirements
6	Member Prime Ministers Laptop Scheme	To verify students data, report corrections to the concerned authority, keep record of students in soft and hard ,hand over laptops to the acheivers
7	Member Chemical Committee	To forward chemical requisitions of the department, keep record of the available chemicals
8	Co-supervisor	Co-supervising MS student Miss Farah Jabeen

Professional Experience

Lecturer at GC Women University Sialkot (May 2015-Present)

Lecturer at Sialkot College of Physiotherapy (December 2014-May 2015)

SSE Biology (BS-16) at Govt. Girls High School Sialkot

References

Dr. Bushra Mirza

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Biochemistry/Molecular Biology, faculty of
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Dr. Iram Murtaza

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Biochemistry/Molecular Biology, faculty of
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