

DR. LUBNA RASOOL

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ACADAMICS:

➤ PhD (Biochemistry)
University of Agriculture, Faisalabad

➤ M Phil (Biochemistry)
University of Agriculture, Faisalabad

➤ M Sc (Biochemistry)
University of Agriculture, Faisalabad

RESEARCH INTEREST:

Growth hormones production by diazotrophic bacteria, Isolation and cloning of gene, Biotechnology and molecular biology, Protein Biochemistry, Isolation of protein at molecular level

RESEARCH PROJECT:

- Comparative Studies on Structural and Functional Diversities of Bacterial Communities Associated with Transgenic *Bt* and non-*Bt* Cotton
- Isolation and cloning of cellobiohydrolase gene from *Chaetomium Thermophile*.
- Indole-3- acetic acid production in *Azospirillum* species.

EXPERIENCE:

2020-to Date	Lacturer	Department of Chemistry, University of Sahiwal, Sahiwal, Sahiwal
2016-2019	Assistant Professor	Department of Chemistry, GCUF Sahiwal Campus, Sahiwal
2015-2016	Assistant Professor	Department of Biochemistry, Bahauddin Zakariya University, Multan
2006-2007	Lecturer	Faisalabad Institute of Research Science and Technology, Faisalabad

AWARDS / HONORS:

- HEC Indigenons Scholarship award in PhD
- Merit scholarship award by HEC in M. Phil.
- 2nd Prize in the Quaid Portrait Sketching 2002

PROFESSIONAL TRAININGS :

- Basic Bioinformatics workshop 2016 at IMBB, Bahauddin Zakariya University Multan, Pakistan.
- First National Training Course on Bacterial identification and Metagenomics 2012, NIBGE Faisalabad Pakistan.
- 7th Annual National Training Course on Modern Techniques in Biotechnology 2009, NIBGE Faisalabad Pakistan.

PUBLICATIONS:

- Rasool, L., M. Asghar, A. Jamil, S. Rehman. 2015. Identification of Azospirillum species from wheat rhizosphere. *The Journal of Animal & Plant Sciences*, 25(4): 2015: 1081-1086.
- Rasul, S., H., Manzoor, L., Rasool, R., Iqbal., A., Jamil. 2017. Purification and characterization of xylanase from a thermophilic fungus *Chaetomium thermophile*. *J. oxidation communication* 675-684.
- Rasool, L., S. Rasul, A. Jamil and G. Rasul. 2017. Isolation and cloning of cellobiohydrolase gene from *Chaetomium thermophile* ATCC 28076.
- Ayesha Aslam, Sumaira Rasul, Ali Bahadar, Nazia Hossain, Muhammad Saleem, Sabir Hussain, Lubna Rasool, Hamid Manzoor, Effect of Micronutrient and Hormone on Microalgae Growth Assessment for Biofuel Feedstock, *Sustainability* 2021, 13, 5035.
- Khurram Shahzad Munawar, Saqib Ali, Abdur Rauf, Shamsa Bibi, Muhammad Ashfaq, Muhammad Nawaz Tahir, Shafiq urRehman, Lubna Rasool, Structural and computational analysis, spectroscopic and electrochemical elucidation of a Schiff base, *Journal of the Iranian Chemical Society* (2022) 19:3845–3860.

SEMINARS/ POSTER PRESENTATION :

- Rasool, L., M. Asghar, A. Jamil, S. Rasul. Azospirillum spp. to enhance cotton growth. ICBBB. Feb. 22-24, 2016
- Rasul, S., H. Manzoor, L. Rasool, A. Mehmood, S. Bukhat, M. Baber and H. R. Athar. Role of Polyamines as a signaling molecule to induced plant defense in Rice. 1ST Biotechnology World Conference on advancements in biotechnology. 2016.
- Manzoor H., F. Saeed, S. Rasul, H. R. Athar, L. Rasool and M. S. Anjam. Arabidopsis vacuolar H⁺-Pyrophosphatase 1 (AVP1) regulates drought tolerance in tobacco (Nicotiana tabacum). 1ST Biotechnology World Conference on advancements in biotechnology. 2016

CONFERENCES:

- 18Th FAOBMB Symposium on Genomics and Proteomics in health and Agriculture 2005, Lahore. Pakistan.
- International Conference on Applied Genteics & Biotechnology 2011. Faisalabad. Pakistan.
- The 10Th International and 22nd National Chemistry Conference 2011. Faisalabad. Pakistan.
- The National Conference on Trands in Biochemistry and Molecular Biology 2012. Faisalabad. Pakistan.
- The International Conference of Biochemical and Chemical Sciences (ICBCS) Go Greener for Sustainable Economy 2014. Faisalabad. Pakistan.