



FARAH NAZ
Citizenship : Pakistan
Date of birth : 27th February 1980

Contact

Tel : 0341-4754237
e-mail : farahfida4310@gmail.com

Address:

Centre of Excellence in Molecular biology (CEMB) University of the Punjab

Profile

Objective I am seeking a well Versed position within the scientists of molecular departments, possibly with an international perspective.

Current Position Research officer cum lecturer BPS 18 at CEMB University of the Punjab Lahore

Key Skills

Proficient with a vast array of scientific research work, concepts and modern techniques, including:

Primer designing	Electrophoresis, Transformation	ELISA and PCR, qPCR, Diagnostics testing of All organisms	DNA, RNA Protein Isolation, Purification, and Identification techniques
Cell culturing(Mammalian and plants)	Western Blotting	Sequencing Technique	Northern Blotting

Education

2017- To DATE	PhD from university of the Punjab (CEMB) Lahore. Thesis writing in progress
2004 to 2006	Master of Philosophy in Biochemistry experts in plant and bacterial protein identification and characterization University of Agriculture Faisalabad
2002 to 2004	Master In Biochemistry. experts in DNA RNA GENE identification and Protein characterization in Medicinal Plants University of Agriculture Faisalabad
1998-2000	BSC Pre-Medical. Madina Town College/University Faisalabad

Extra curricular activities:

- Certificate of Excellence for First position in Balloon Blowing Compition in CEMB Complex2017
- Certificate of Appreciation in recognition of the efforts for successful conductance of CEMB Annual Sports Gala in 2017

- Certificate of Merit for Cricket Winning first position (Girls) in CEMB Complex Sports Gala 2016
- Certificate of Appreciation in recognition of the efforts for successful conductance of Girls, Skipping Rope. 2016.
- Certificate of Securing First Position in Carrom Board at CAMB Annual Sports Gala 2016.
- Certificate of Awarding first position in an event of Girls Cricket at CEMB Annual Sports Gala 2015.
- Certificate of Appreciation for Organizing and securing first position in Tug Of WAR for girls at CEMB Annual Sports Gala 2015
- Certificate of Appreciation for Organizing CEMB Complex Sports Gala 2013
- Certificate of Appreciation for Cricket Winning Team(Girls) in CEMB Complex Sports Gala 2013

Work Experience

CEMB, University of the Punjab **Regular Employee**

Research Officer Cum Lecturer BPS-18

- ✓ Working on controlling Thrips and white fly attack on Pakistani cotton varieties
- ✓ Theoretical work done for genes synthesized on pheromonal control of pink boll worm on cotton varieties
- ✓ Worked on the BT resistant CORN heat shock Protein gene Characterization. **2017-date**
 - ✓ Worked with Lahore General Hospital On Community acquired Infections by Pathogenic Bacteria
 - ✓ Sequencing the resistant and Structural genes in *staphylococcus aureus* to track the reasons of resistance in pathogenic bacteria causing community acquired infections in virology lab. **2015-2017**
- ✓ Trained the newly enrolled Mphil and PhD students with well versed Molecular Techniques in relevant fields of Virology Lab, Genetic Diseased lab and Molecular Medicin lab CEMB. **2008-2020**
- ✓ DNA Extraction Lab Incharge of Deafness Group **2012**
- ✓ Characterization of novel triple acting chimeric domain antimicrobials and test their efficacy against known Pakistani mastitis pathogens **2008-2014**

Nuclear Institute of Agriculture and Biotechnology (NIAB)

Contractual job

Research Officer

2004-2008

- ✓ Working on IAEA Project of rice and wheat for the Development of new Varieties under the P.I Dr.Shafqat Farooq (Director Tech v at PAEC)
- ✓ Protein Analysis at all developing Stages of Wheat and rice
- ✓ Wrote three Scientific documents

Visiting Teaching Faculty at GC University Lahore

Visiting Faculty

Conducted Practical Class Of Ms Forensics

June to November, 2012

- ✓ DNA isolation From Forensic Blood samples
- ✓ Trained the employees and staff

Activities and Interests

Activities Working on BT resistant cotton through molecular and biotechnological approaches including genes characterization and cotton insect/pests attack control by transgenic strategy

Intrests Complete investigative research in economical productive Crops

Research Documents

Worked on HCV patients with 3a Genotype in Pakistani population.sequences submitted in genbank.

Accession numbers 2017

KU574128, KU764487, KU845699, KX022951, KX022952, KX022953, KX022954, KX000413, KX0004, KX000411, KX000410, KX022955, KX022956, KX024474, KX066882, KX077980, KX083534, KX096821, KX229765, KX234798

1. Sadia Javed, Amair Raza, Saqib Mahmood, Munazzah Meraj, **Farah Naz**, Sameera Hassan. 2017. Strain improvement of *Aspergillus terreus* for hyper production of lovastatin and immobilization of mutant atu-06 strain for repeated batch culture process. *Acta poloniae pharmaceutica-drug research*. 74(5): 1485-1491.
2. Munazzah Meraj, Sadia Javed, Shams-Ud-Din Shaikh, Shazia Abrar, **Farah Naz** and Saleh Khaskhili. 2017. Kinetic And Thermodynamic Properties Of Purified Wild And Mutant Derived Urate Oxidase *Currentscience*. ISSN: 0011-3891.
3. Sadia Javed, Munazzah Meraj, Saqib Mahmood, Arruje Hameed, **Farah Naz**, Sameera Hassan and Rao Irfan. 2017. Biosynthesis of lovastatin using agro-industrial wastes as carrier substrates. *Tropical Journal of Pharmaceutical Research*. 16 (2): 263-269.
4. Samina T. Yousuf Azeemi, Saleem Farooq Shaukat, Khawaja Shamsuddin Azeemi, Idrees Khan, Khalid Mahmood, and **Farah Naz**. 2017. Effect of visible range electromagnetic radiations on *Escherichia coli* *Afr. J. Tradit. Complement Altern. Med.* 14 (1): 24 – 31.
5. Ghulam Zahra Jahangir, Durre Shahwar Ashraf, Idrees Ahmad Nasir, Madiha Sadiq, Sobia Shahzad, **Farah Naz**, Muhammad Iqbal, And Afifa Saeed. 2016. The myth of Oral hygiene using

synthetic mouthwash products. Springer Plus. 5:1481.

6. **Farah Naz**, Sadia Javed and Munazzah Meraj. 2012. Antimicrobial activity of medicinal plants against microbes. LAMBERT Academic Publishers.
7. Muhammad shahid, Muhammad tayyab, **Farah Naz**, Amer Jamil, Muhammad Ashraf and Anwarul Hassan Gilani. 2008. Activity guided isolation of a Noval Protein from Croton tiglium with Antifungal and Antibacterial activities. *Phytother.Res.*22,1646-1649(2008).
8. **Naz, Farah.**, S. Farooq, R. Arshad, M. Afzaal and M. Akram. 2006. Discriminating upland and lowland rice genotypes through proteomic approach. *Pak. J. Bot.*, 38(5): 1731-1738.
9. Akram, M., S. Farooq, M. Afzaal, **F. Naz** and R. Arshad. 2006. Chlorophyll fluorescence in different wheat genotypes grown under salt stress. *Pak. J. Bot.*, 38(5): 1739-1743.
10. Afzaal, M., S. Farooq, M. Akram, **F. Naz**, R. Arshad and A. Bano. 2006. Differences in agronomic and physiological performance of various wheat genotypes grown under saline conditions. *Pak. J. Bot.*, 38(5): 1745-1750.

Scientific Certificates

- Certificate of Appreciation to present “Oral presentation in 1st International Conference on Sustainable Development Goals”
- Organized CEMB cotton Seminar held on march 22,2022
- Participated “hands on training Workshop on Structural Bioinformatics Tools” CEMB University of the Punjab Lahore, Feb: 23-25-2022
- Organized 4th international symposium on “Advances in Molecular Biology of Plants and health sciences” December 2021
- Awarded by the certificate of Active Participation in “one day international symposium on Development of CKC Technology” CEMB University of the Punjab Lahore: December 15, 2020

- Participated in 8th Invention to Innovation Summit. April 2019 University of the Punjab
- Attended WEB of SCIENCE CONFERENCE. March 2019
- Participated in training on incineration and other waste treatment methods february, 2019
- Organizing 3rd International Symposium on Advances in Molecular Biology of Plants and Health Sciences. December 2018
- Passed as 8th training course on Biochemical and Molecular Techniques In Plant Breeding. November 2018 at NIAB Faisalabad
- Participated in training ‘an awareness cum workshop on biological waste management. October 2018
- Participated a workshop ‘Protein Structure Analysis and Computer Aided Drug Designing. September 2018
- Participated a workshop ‘Training on Biological Waste Management and Emergency Response Procedures. October 2018
- Certificate of Appreciation FOR Trainer, organizer and excellent execution of the 4 days National Hands On Training Workshop On Clinical Diagnostic By Real Time PCR, Western Blot And Cell Culturing October 18-21, 2016 at CAMB and IBB PU, Lahore.
- Letter of appreciation awarded International Symposium On Advances In Molecular Biology Of Plants And Health Sciences, CEMB Nov, 21-23, 2017
- Participated and attended 1st national conference on Recent Trends In Microbiology. December 2016
- Department of Microbiology Abbottabad University of Science and Technology awarding Certificate of poster presentation on Recent Trends In Molecular Biology dated December .20-21, 2016
- Organized International Symposium On “Advances In Molecular Biology Of Plants And Health Sciences” CEMB Dec, 29-31, 2015
- Certificate from NIBGE, PAEC on Attending and qualifying 5th national training course at NIBGE, Faisalabad in Molecular diagnosis of animal pathogens October 17-21, 2011
- Participated on 2nd one day workshop on Young researchers Skill Development and NAYS Emerging Ideas Conference. January 2012

- Abstract published on "Protein Structure Function Relationship" 8th International Centre for Chemical Sciences (H.E.J Research Institute of Chemistry). University of Karachi Pakistan. January 7-10, 2005
- Genomics And Proteomics In Health And Agriculture 18th FAOBMB symposium held at Lahore, Pakistan November 20-23, 2005
- One year training National cadet women Cadet Guards At Govt College Women University Faisalabad 01 Dec 1996 to 27 NOV 1997