

Noor ul Hudda

Lecturer, Department of Microbiology,
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Career Objective:

Currently, working as a lecturer in University of Veterinary and Animal Sciences, Lahore, Pakistan. I have interest in studying antimicrobial compound producing bacteria and in ways bacteria confer themselves antibiotic resistance.

Summary of Qualifications:

- M. Phil Biological Sciences
- BS (Hons) Applied Microbiology

Professional Experience:

I am lecturer, with almost seven years of experience of teaching and research in Department of Microbiology, University of Veterinary and Animal Sciences, Lahore.

I have also worked as a research assistant in University of Arkansas Medical School, USA from August 2018-August 2020. I rotated in bacteriology, immunology, virology and molecular biology labs. I learned various cell culture techniques, plaque assay and various molecular techniques and immunological techniques. I also conducted experiments to decipher innate immune signaling pathway in fibroblasts in the presence of *Shigella* infection.

I have also worked as an Internee in National Institute of Biotechnology and Genetic Engineering, Faisalabad (March 2011- June 2011)

- Worked in three sections; Health Biotechnology, Plant Biotechnology and Environmental Biotechnology

- Learned various techniques such as Gene cloning, GUS assay, Comet assay, Ames test, Western Blotting, Nested PCR, Nested Multiplex PCR, RT PCR, HPLC, etc.

Honors and Awards:

[L]
[SEP]

- Gold medalist holder in BS (Hons) Applied Microbiology [L]
[SEP]
- Distinction in comprehensive examination (2012) held in School of Biological Sciences, [L]
[SEP] University of the Punjab Lahore
- Merit Scholarship holder throughout M.Phil [L]
[SEP]
- Merit Scholarship holder throughout BS (Hons) Applied Microbiology

Academic Qualifications:

Institution	Years	Specialties	Degree/Certificate	Marks/ CGPA
School of Biological Sciences, University of the Punjab, Lahore	2011-2013	Biological Sciences	M. Phil	3.9/4.0 (87%)
University of Veterinary and Animal	2007-2011	Applied Microbiology	BS (Hons) Applied Microbiology	3.99/4 (86.69%)

Sciences, Lahore				
GRE Subject Test (ETS)	2012	Biochemistry, Cell Biology and Molecular Genetics	GRE Subject Test (ETS)	87 percentile


Title of M.Phil Thesis: Identification, Biological and Chemical Screening of Bacteria Exhibiting Antimicrobial Activity Isolated from Indigenous Soil.

Language Skills:

Proficient in three languages:

1. English
2. Urdu
3. Punjabi

Research Publications:

- M. Kamran, M. U. D. Ahmad, A. A. Anjum, A. Maqbool, K. Muhammad, M. Nawaz, **N.U. Hudda**, S. Sana and M. A. Ali (2014). Studies on the antibiotic sensitivity pattern of isolates of *P. Multocida* from buffaloes. **Journal Animal Plant Sciences**. 24(5): 1565-1568. (IF: 0.549). ISSN: 1018-7081 
- M. Kamran, M. D. Ahmad, A. A. Anjum, A. Maqbool, K. Muhammad, H.M. Khan, **N. Hudda**, M. Nawaz and M. A. Ali (2014). Antigenic Variation among *Pasteurella Multocida* Isolates From Diseased Buffaloes by Protein Profiling and Cluster Analysis. **Journal Animal Plant Sciences**. 24(4): 1101-1109. (IF: 0.549). ISSN: 1018-7081

Workshops:

- Workshop on Public health significance of Mycobacterium Tuberculosis and multidrug resistance in TB treatment (2022).
- 16S Metagenomic Data Analysis and Application (2022)
- Cascading of “One week training workshop on in-service short term training of university and college faculty” (3-5 August, 2016)
- Basic Laboratory Techniques (August 3-7, 2015)

Trainings:

- Training on Antimicrobial Susceptibility Testing (using Disk Diffusion), Laboratory Quality Management System and AMR Data Analysis using WHONET (conducted for The Fleming Fund Country Grants)

Students Supervised (as a member):

- Mustabshira Fatima,
Thesis title: Prevalence and antimicrobial resistance of *Salmonella* isolated from fish in Lahore, Pakistan.
- Muhammad Shahjahan Zafar,
Thesis title: *Salmonella* contamination in vegetables due to irrigation with wastewater in Lahore
- Zahra Aziz Butt,
Thesis title: Prevalence of Campylobacteriosis among children and its associated risk factors