


Faculty Profile

	Ms. Rida Iftikhar
	Department of Shalamar Nursing college
<p>Ms. Rida is working as Lecturer/ Science lab Coordinator in Shalamar Nursing College. She is also teaching Microbiology, dosage calculations, Islamiat and Pakstudies to BSN students.</p> <p>Ms. Rida earned her MPHIL in Microbiology degree from University of Veterinary Sciences, Lahore with 4.00/4.00 CGPA in 2022, also stood first in the class and secured silver medal. She has worked as a teaching assistant in UVAS, Lahore. There she taught Mycology, virology and Immunology. She joined Shalamar Nursing college in May, 2021 as a Science Lab Assistant and lecturer of microbiology.</p> <p>She has experience in working BSL-3 on SARS-CoV-2 .She has expertise in performing molecular techniques ,PCR Thermocycler, ELISA, sterilization .She is well aware of the usage of bioinformatics tools i.e., CLUSTAL W, Turnitin , PFam .</p>	
Present Title & Affiliation	Lecturer/ Science lab Coordinator Shalamar Nursing college
Research Interests	Ms.Rida has a keen interest in advanced biology and bioinformatics tools. In her MPHIL, she made a research on the irrational use of oseltamivir drugs in poultry could lead to genesis of neuraminidase inhibitors resistant avian influenza viruses.
Clinical Interests	Ms.Rida has a keen interest towards clinical microbiology .She has studied and practice on the prevention of transmission of nosocomial infections in Children Hospital, Lahore. Also she has utmost desire to educate regarding irrational used of antibiotics could lead to the genesis of superbug and antibiotic resistant microorganisms e.g., MDR,XDR Tb ,MRSA, VRSA.
Education & Training	<p style="text-align: center;">Degree-Granting Education</p> <p>2019–2021 M.Phil. Microbiology UVAS, LAHORE CGPA (4.00/4.00)</p> <p>2020–2022 B.ED (1.5years) Virtual university of Pakistan CGPA (3.85/4.00)</p> <p>2015–2019 Bachelor of Science (Hons.) in Applied Microbiology University of Veterinary and Animal Sciences (UVAS, LAHORE) CGPA (3.87/4.00)</p>
Experience & Service	<ul style="list-style-type: none"> ● Internship at PCSIR, Lahore 2019 ● WORKED IN BSL-3 ON COVID-19 2020-2021 ● Teaching Assistant UVAS, Lahore 2019-2021 ● Science lab Assistant Shalamar Nursing College ,Lahore 2022-till
Honors & Awards	<ul style="list-style-type: none"> ● 2021 Awarded silver medal from Governor of Punjab ● 2020 Appreciation certificate from PVMC for working as a volunteer in BSL-3 on SARS-CoV-2
Professional Memberships	American Society of Microbiology ASM ,Member, Present

Selected Publications*Peer-Reviewed Articles*

1. Iftikhar, R., Khan, K., Masud, I., Shahid, M.F., Rafiq, N. and Javed, S., 2023. Neuraminidase Inhibitors Resistance: The Irrational Use of Oseltamivir Can Lead to Genesis of Mutant Avian Influenza Viruses in The Field.
2. Khan, K., Yaqub, T., Shabbir, M.Z., Aslam, A., Mukhtar, N., Fazal, S., Iftikhar, R. and Hassan, M., 2023. In-silico vaccine matching and its validation through in-vivo immune protection analysis for imported and indigenous vaccines against recent field isolate of avian influenza H9N2. *Veterinary Vaccine*, 2(2), p.100029.