


Curriculum Vitae

Dr Priyanka Dahiya

Title (Ms/Mr/Dr/Prof)	Dr	First Name	Priyanka	Last Name	Dahiya	Photograph
Designation	Assistant Professor					
Department	Zoology					
Address (Official)	Zoology Department, Kalindi College, University of Delhi, East Patel Nagar, Delhi-110008					
Phone No.	7303428757					
Email	priyankadahiya@kalindi.du.ac.in					
Education						
Subject	Institution		Year		Details	
Ph.D. (Zoology)	Department of Zoology, University of Delhi		2022			
Details:	<i>Title of Ph.D. thesis: To study the role of store-operated calcium entry (STIM1/Orai1) signalling in Mycobacterium fortuitum induced pathogenesis in Clarias gariepinus</i>					
M.Phil (Zoology)	Department of Zoology, University of Delhi		2017		I st Division	
Details:	<i>Title: Role of store-operated calcium entry proteins (STIM1 and Orai1) in Mycobacterium fortuitum infected headkidney macrophages of Clarias sp</i>					
M.Sc. (Zoology)	Hindu College, University of Delhi		2015		I st Division	
B.Sc. (Zoology)	Daulat Ram College, University of Delhi		2013		I st Division	
Career Profile						
Organisation/Institution	Designation		Duration		Role	
Department of Zoology Kalindi College, University of Delhi, East Patel Nagar, Delhi-110008	Assistant Professor		28-12-2023 to till date		Teaching, Research & Other Academic, Administrative responsibilities	
Department of Zoology Maitreyi College, University of Delhi, Chanakyapuri, Delhi-110021	Assistant Professor (Guest-basis)		01-09-2023 to 27-12-2023		Teaching	
Department of Zoology Zakir Hussain Delhi College, University of Delhi, New Delhi, Delhi-110002	Assistant Professor (Guest-basis)		18-11-2022 to 30-04-2023		Teaching	
Department of Zoology Acharya Narendra Dev College,	Assistant Professor (Guest-basis)		06-02-2021 to 30-04-2021		Teaching	

University of Delhi, Kalkaji, Delhi-110019			
Research Interests/Specialization			
<ol style="list-style-type: none"> 1. Host-pathogen interactions 2. Immunology 3. Microbiology 4. Cell biology 			
Administrative Assignments/Contribution to corporate life			
<ol style="list-style-type: none"> 1. Co-convenor: Zoological Society “Zoonomia” (2024-2025) 2. Co-convenor: NIRF (National Institutional Ranking Framework) Committee (2024-2025) 3. Convenor: Teacher’s Feedback Committee (2024-2025) 4. Member: Sports Committee (2024-2025) 5. Member: Solid, e-waste management and Write-off Committee (2024-2025) 			
Teaching Experiences (Subject/Courses taught)			
<ol style="list-style-type: none"> 1. Animal Biotechnology 2. Concepts of Ecology 3. Diversity of Animals 4. Cell and Developmental Biology 5. Medical Zoology 6. Molecular Biology 7. Parasitology 8. Immunology 9. Evolutionary Ecology 10. Human Physiology 			
Research Guidance			
N.A.			
Publication (Peer Reviewed/Indexed Journals) : 4			
Year of Publication	Title	Journal (Name of the journal, Vol. Issue ISSN)	Co-Author
2021	mtROS induced via TLR-2-SOCE signalling plays pro-apoptotic and bactericidal role in Mycobacterium fortuitum-pathogenesis	<i>Frontiers in Immunology</i> , 12	
2021	The coordinated outcome of STIM1-Orai1 and superoxide signalling is crucial for headkidney macrophage apoptosis and clearance of Mycobacterium fortuitum	<i>Development and Comparative Immunology</i> , 114	
2022	Aeromonas hydrophila Inhibits Autophagy Triggering Cytosolic Translocation of mtDNA which Activates the Pro-apoptotic Caspase-1/IL-1 β -Nitric oxide Axis in	<i>Virulence</i> , 13(1)	

	Headkidney Macrophages		
2023	miR155 induced activation of pro-inflammatory Stat1/T-bet pathway and M1 signature genes lead to apoptosis of Zebrafish macrophages and clearance of Mycobacterium fortuitum	<i>Microbiology research</i> , 14(2)	
Seminar/Workshop/Conferences Presentation/Organisation			
Awards & Distinctions			
Public Service/University Service/Consulting Activity			
Professional Societies Memberships			
Projects (Major Grants/Collaborations)			
Other Details			