



**Dr. MAIRAJ AHMED ANSARI**

**Specialization** Host Pathogen Interaction and Molecular Immunology

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**Dr. Mairaj Ahmed Ansari**, completed Ph.D. in Biotechnology (molecular immunology and vaccinology) from Interdisciplinary-Biotechnology Unit of AMU, Aligarh in the year 2011. He, has more than five years of post-doctoral research experience from Rosalind Franklin University of Medicine and Science, Chicago Medical School, USA. After returning India as **Ramalingaswami-Fellow (DBT, Govt. of India)** he joined, ICMR-National-JALMA-institute for Leprosy and OMD, Agra. Currently, he is working as an Assistant Professor in the **Department of Biotechnology**. His laboratory is involved in the host pathogen interaction research, which includes, developing exosome as tool; for vaccine candidate, diagnostics and chemotherapy, innate immune responses and their subversion mechanisms by intracellular pathogens including *Mycobacterium tuberculosis* and Herpesviruses. His group is keen to decipher mechanism behind nuclear sensing of pathogenic DNA and downstream instigation of host innate immune response like inflammasome and Type I IFN responses. From Ramalingaswami Fellowship funding, he has established, well-equipped BSL-II-B2 cell-culture-laboratory. Importantly, his laboratory is well funded from, DBT, DST-SERB and ICMR.

He has qualified, UGC-CSIR-NET, ICMR-JRF, GATE and ICMR-PDF awards. Moreover, he has received two international travel grants. He is life member of Indian Virology Society, Indian Society of Immunology, American society of Microbiology and various other scientific agencies. Dr. Ansari has published 22 research articles in international Journals and four book chapters. He is regular reviewer in various International scientific journals. At present, he is mentoring two Ph.D. students.

He has actively participated in twenty national and international conferences to present his findings either as oral or poster presentation. Actively participated in organizing National Seminar entitled “Biotechnology research in India: Current status and future prospects” from 26<sup>th</sup> and 27<sup>th</sup> March, 2019 as Co-convener, also served as Post-Doctoral-Research-Conclave-2019 organizing committee member. His lab is open for enthusiastic and dedicated research scholars and also for scientific research collaborations with other labs across the globe.