

Scientist Profile

- 1. Name of the Scientist:** Dr. Deepa Bisht
- 2. Designation:** Scientist F
- 3. Division:** Biochemistry
- 4. Official Email address:** deepa.bisht@icmr.gov.in
- 5. Qualifications:** MSc (Biochemistry); PhD (Biotechnology)
- 6. Research interests:** Leprosy, Tuberculosis, Mycobacterial Proteomics
- 7. Research experience (in Years):** 28 Yrs
- 8. H-index:** 24
- 9. Total number of Publications:** 85
- 10. Patents (Filed/ Awarded):** Nil
- 11. List of research grants received (Reverse chronological order):**

S. No	Research Project	Funding agency	Period
1.	An integrated data-driven model to accelerate leprosy eradication from high-burden states and Union territories in India	ICMR	2023-2026
2.	Diet and biomarkers survey in India (DABS-I)	ICMR	2023-2026
3.	Quantitative serum proteomic analysis of contacts of leprosy cases using iTRAQ for early diagnosis of leprosy	ICMR	2021-2024
4.	Proteomic analysis of whole blood to monitor immune responses after MIP vaccination in leprosy patients, their contacts and healthy individuals	ICMR	2019-2022
5.	Characterization and clinical relevance of hypothetical proteins of aminoglycosides resistant isolates of <i>Mycobacterium tuberculosis</i>	Intramural	2020-2023
6.	Comparative analysis of serum proteome of leprosy patients by two-dimensional gel electrophoresis	DST-INSPIRE	2019-2024

	and mass spectrometry		
7.	Development of a laboratory-based test for diagnosis of early leprosy	ICMR	2015-2017
8.	Whole proteome analysis of aminoglycoside resistant isolates of <i>Mycobacterium tuberculosis</i>	ICMR	2012-2015
9.	Analysis of aminoglycosides resistance in <i>Mycobacterium tuberculosis</i> by proteomic approach	DBT	2006-2010
10.	Intracellular expression of proteins with mycobacteria- a proteomic analysis	DST	2003-2007

12. Awards/ Recognitions/Honors:

S. No	Award Details	Awarded by	Year
1.	Certificate of Merit for best paper award	Indian Association of Leprologists (IAL)	2024
2.	Travel fellowship to attend conference at Rome, Italy	ICMR	2018
3.	Travel fellowship to attend conference at Beijing, China	DST	2010
4.	Best Poster Award	Indian Society for Malaria and other Communicable Diseases and Indian Association of Epidemiologists	2006
5.	Awarded project under FAST TRACK scheme for Young Scientists	DST	2003
6.	Young scientist Travel fellowship to attend Silver Jubilee celebrations of CCMB, Hyderabad	CSIR	2002
7.	NET-Senior Research Fellow	CSIR	1994
8.	NET-Junior Research Fellow	CSIR	1991
9.	First in the order of merit in BSc examination	Govt. PG College, Ranikhet (Kumaun University)	1987
10.	Gold Medal for securing first position in Intermediate examination	Kendriya Vidyalaya, Ranikhet	1985

