

## Scientist Profile

1. **Name of the Scientist:** Dr. M. Madhan Kumar
2. **Designation:** Scientist D
3. **Division:** Immunology
4. **Official Email address:** madan.kumar@icmr.gov.in
5. **Qualifications:** M.Sc., M.Phil., (Biochemistry) Ph.D., (Immunology-Biochemistry)
6. **Research interests:** Immunology of infectious diseases, Prognostic markers and host directed therapies (HDTs) in tuberculosis
7. **Research experience (in Years):** 15 years
8. **H-index:** 5
9. **Total number of Publications:** 13  
(Web-link. i.e. Google Scholar):

<https://scholar.google.com/citations?user=ro6L4PgAAAAJ&hl=en&oi=ao>

- One book (2017) entitled “**Global tuberculosis diagnostics: have we hit the target**” as first author and book chapter (2020) entitled “**Proteomics based biomarker development against infections: an overview**” (Chapter 8). Published in “Microbial proteomics: development in technologies and applications” also has been published as first author

10. **Patents (Filed/ Awarded):** Nil

11. **List of research grants received (Reverse chronological order):**

S. No	Research Project	Funding agency	Period
1	Immunometabolomics in the quest for comprehending protection and pathogenesis in tuberculosis	ICMR extramural	2023-2026
2	Immune regulation in tuberculosis: unravelling the obscure roles of myeloid derived suppressor cells and regulatory T cells	DBT	2018-2020

3	Investigation of cellular markers and their implications in detecting treatment efficacy of tuberculosis	DRDE (Gwalior)	2015-2017
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## 12. Awards/ Recognitions/Honors:

S. No	Award Details	Awarded by	Year
1	Junior research fellowship (CSIR-JRF)	CSIR	2003

## 13. Academic activities (Last five years)

- Member of scientific societies/ bodies / committees : Lifetime member of Indian Immunology Society (No. LM/IIS/654/02/18)
- Conference/ Webinar/ Workshop/ Training organized :  
One of the organizers of “International Immunology day” (29 April 2019) conducted by the Department of Immunology, ICMR-NJIL&OMD
- No. of Conference/ Webinar/ Workshop/ Training attended: 13 Webinars and 1 workshop attended
- No. of invited lectures delivered : 3
- No of students supervised:  
Ph.D: 1 (as Co-guide)  
MD: Nil  
M.Tech : Nil  
M.Sc: 12