

Scientist Profile

1. Name of the Scientist: **Dr D S Chauhan**
2. Designation: **Scientist-F**
3. Division: **Head, Division of Microbiology & Molecular Biology**
4. Official Email address: devendras.chauhan@icmr.gov.in
5. Qualifications: M. Sc, Ph D
6. Research interests:
 - (i) Mycobacterial infections especially on leprosy and tuberculosis.
 - (ii) Molecular Biology of mycobacteria
 - (iii) Host pathogen interaction and Functional genomics
 - (iv) Development of newer diagnostic tools.
7. Research experience (in Years): 27 yrs in the field of Mycobacteriology
8. **H-index: 35**
9. Total number of Publications: **162**
(Web-link. i.e. Google Scholar)
10. Patents (Filed/ Awarded): 5/2
11. List of research grants received (Reverse chronological order):
Projects Completed as PI

S.No	Title of Project	Funding Agency	Period	Sanctioned Budget (lakh)
1	Outreach programme on Zoonotic diseases (Tuberculosis) ,Phase-I	Indian Council of Agriculture Research, New Delhi (No.14 (1)/2009-ASR-IV	2015-2018	73.4
2	Outreach programme on Zoonotic diseases (Tuberculosis) ,Phase-II	Indian Council of Agriculture Research, New Delhi (No.14 (1)/2009-ASR-IV	2018 (On-going)	25.0
3	Crohn's disease in India: A multicenter study from a country where intestinal tuberculosis as well as Johne's Disease is endemic	Indian Council of Medical Research, New Delhi (ICMR-Taskforce) (No 5/8/5/28/TF/2014/ ECD-I)	2015-2018 Completed	29.0
4	Strengthening of Mycobacterial Repository	Indian Council of Medical Research, New Delhi	2015-2018 (Completed)	13.34

	for translational studies – Phase II.			
5	National Reference Laboratory for Tuberculosis	Central TB Division, Government of India	2015-26.07.2017	56.28
6	Multicentric validation of an indigenous test for diagnosis of pulmonary tuberculosis from sputum samples (Phase-I) Multicentric validation of indigenous molecular tests for diagnosis of drug resistant tuberculosis from sputum samples (Phase-II)	Department of Biotechnology, Gov of India	2015-2018	

12. As Co-PI

S. No	Title	Funding agency/ Grant no.	Sanctioned Budget (in lakh)	Role
1	Identification of genetic mutations and risk factors associated with the conferring of extensive drugs resistance (XDR) in Indian isolates of <i>Mycobacterium tuberculosis</i>	Department of Science & Technology (DST), New Delhi (Grant no. EMR/2016/003648)	15.76	Co-PI
2	Identification of exosome derived biomarkers for early diagnosis of tuberculosis in pediatric patients	Department of Science & Technology (DST), SR/WOS-A/LS-129/2018	31,85000/-	Mentor
3	Proteomic profiling and miRNA analysis of exosomes for the identification of potential biomarkers for tuberculosis in HIV patients	Indian Council of Medical Research (ICMR), New Delhi. (Ad-hoc Research Schemes) (Grant number:5/5/8/5/19/2014-ECD-I).	23.77	Co-PI
4	Identification of genetic determinants and risk	Department of Biotechnology (DBT),	29.80	Co-PI

factors for drug resistance to bedaquiline and delamanid in native isolates of <i>Mycobacterium tuberculosis</i> in India”	New Delhi. (BT/PR34314/Med/29/14 81/2019)		
	Total	69.33	

13. Awards/ Recognitions/Honors:

S. No	Award Details	Awarded by	Year
01	Young scientist award for best paper presentation awarded.	Society of Immunology and Immunopathology (SIIP)	2004
02	ICMR-INSERM visiting scientist to Institute Pasteur, Lille and Paris (France).	Indian Council of Medical Research, New Delhi.	2004
03	Best meritorious award awarded for presenting paper , “ Advances in molecular diagnosis of Leprosy”	International Conference of Leprosy given by Sh.Reddy, H'ble Health Minister, Govt. of Andhra Pradesh.	2008
04	Best Research Paper award at First International Conference of ASEAN and National Conference on TB and Chest Diseases (NATCON). given by H'ble Dr. APJ Abdul Kalam in 2008.	National Conference on TB and Chest Diseases (NATCON) given by H'ble Dr. APJ Abdul Kalam.	2008
05	ICMR-International fellowship as visiting scientist at Louisiana State University, US.	Indian Council of Medical Research, New Delhi.	2010
06	Best paper award on Para tuberculosis at Sydney, Australia.	International Colloquium (ICP)	2012

14. Academic activities (Last five years)

- Member of scientific societies/ bodies / committees Life member IAL
- Conference/ Webinar/ Workshop/ Training organized : 10
- No. of Conference/ Webinar/ Workshop/ Training attended 75
- No. of invited lectures delivered : More than 50
- No of students supervised: (Ph.D 6, MD 20, M.Tech / M.Sc more than 100)