

Dr Swati Sharma
 Scientist-I
 Department of Pharmacology
 AIIMS, New Delhi



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Room no. 4024, Department of Pharmacology, 4th floor, Teaching Block, AIIMS, New Delhi
 Research Area: Metal toxicology, Pharmacogenomics & Toxicoinformatics, Poisoning awareness & outreach

Educational Qualifications			
Educational Qualification	Degree	Year	University
UG	B.Sc	2006	CCS University, Meerut
UG	B.Ed	2007	Central Institute of Education, Delhi University
PG	M.Sc (Biotechnology)	2009	CCS University, Meerut
PG	M.Ed	2010	CCS University, Meerut
DM / Ph.D.	Ph.D.	2019	Gautam Buddha University, Greater Noida and INMAS, DRDO
PG	Masters in Population and Family Health Studies	2026	IGNOU, New Delhi

Work Experience		
Designation	Organisation	Duration
Scientist-I	Department of Pharmacology AIIMS, New Delhi	March 29, 2019- Till Date
Scientist-B	Technology Information, Forecasting and Assessment Council (TIFAC), Department of Science and Technology, Govt. of India, New Delhi	Dec. 20, 2010- March 28, 2019

Research Profile	
Google Scholar ID	-
PubMed ID	-
ORCID ID	https://orcid.org/0000-0002-8732-335X

Research Projects		
Title	Funding agency	Tenure
Identification of potential biomarkers associated with lead toxicity due to occupational exposure using in-silico methods	All India Institute of Medical Sciences, New Delhi	2020-2022
Assessment of awareness, perception and KAP (Knowledge, Attitude & Practices) related to common poisons and development of scientific communication modules for lifestyle modulation & year-round strategy for public awareness towards prevention of poisoning	Department of Science and Technology	2021-2023
Exploratory analysis of the association between pyrethroid exposure and parkinson's disease: a	All India Institute of Medical Sciences, New Delhi	2024-2026

cross-sectional study (Co-PI)		
Understanding the QT Prolongation risk associated with Imidacloprid and its metabolites using in-vitro studies (CO-PI)	All India Institute of Medical Sciences, New Delhi	2024-2027
Deciphering the effects of imidacloprid exposure on neurological and blood brain barrier functions during early development (Co-PI)	All India Institute of Medical Sciences, New Delhi	2025-2027

Memberships and Fellowships

Membership of Scientific Societies	<ul style="list-style-type: none"> Life Member- Society for Biotechnologists (India)- L605 Life Member- The Biotech Research society (India)- LM 1238 Life Member- Indian Pharmacology Society (IPS)- LS939 Life Member- Indian Scientific Education & Technology (ISET) Foundation ISETF/2128/LM/147
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Other Accolades and contributions

Accolades	<ul style="list-style-type: none"> Author in Chapter of National Documents Core team member of National level "Technology Vision 2035" Document. Chapter on "Health Awareness" in Technology Roadmap on Medical Sciences & Health Care sector, 2016. HEALTH SCENARIOS: Future of Medical Sciences and Healthcare, 2016. Chapter on "Finance, Technology and Capacity Building Needs and Support Received: Technology needs and support received" India Second Biennial Update Report (BUR-II) to the United Nations Framework Convention on Climate Change (UNFCCC)
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Lab services and expertise

Lab Services	<ul style="list-style-type: none"> Heavy Metal Identification and Quantification by ICP-OES
Lab expertise	<ul style="list-style-type: none"> My laboratory mainly focuses on understanding the molecular mechanism behind various toxicants using insilico and invitro studies. Additionally, we also work extensively on occupational hazards in vulnerable populations.

Other Information

Teaching experience	Co-Guided 1 MSc
Additional Duties	Nodal Officer NPIC Expansion Program