

**Dr. Manoj Sharma**  
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## Biography: -

Dr. Manoj Sharma born on 01<sup>st</sup> September 1977, obtained his B. Pharm from Barkatullah University, Bhopal in 1999 and M. Pharm (Pharmacology) from Rajiv Gandhi University of Health Sciences, Bangalore, Karnataka in March 2003. After Qualifying Junior Research Fellowship (JRF) Examination of DRDO, New Delhi in 2004, He joined as JRF in the Laboratory of Dr. R. Vijayaraghavan Head, Division of Pharmacology and Toxicology, Defence Research and Development Establishment (DRDE), Gwalior (MP) Followed by Senior Research Fellow (SRF) by in 2006 to pursue his Doctoral Work. He was awarded his PhD from Jiwaji University, Gwalior in April 2009.



He is presently working as an Associate Professor in Pharmacology and Toxicology Department, School of Studies in Pharmaceutical Sciences, Jiwaji University Gwalior-India. His area of Specialization is Development of Cytoprotective agent against alkylating anticancer agents and Drug Discovery & Development and Nerve agent Toxicity. He has published several research papers in Journal of National and International repute. He received Jewel of India Award in 2014 and Best paper award in 2009 at DRDE Award Ceremony, Gwalior, India. He has authored / co-authored of four books and also applied for one patent. He has completed one project as Principal investigator funded by DRDE, Gwalior and also completed 08 projects as team member during fellowship period. He has supervised 02 Phd thesis & 20 M. Pharm student's dissertations. He has Honour of Fellow of International Science Congress Association (FISCA). He has been nominated as "CPCSEA Nominee" by Ministry of Environment and Forest, Govt. of India in 2014. He has also been nominated as Young Pharmacologist Fellow from Central Region by Indian Pharmacological Society (IPS).

## Some Selected Publications:-

1. Manoj Sharma, R. Vijayaraghavan and Anshoo Gautam (2009). DRDE-07 and its analogues as promising cytoprotectant to nitrogen mustard (HN-2) - An alkylating anticancer and chemical warfare agent. *Toxicology Letters*. 188(3):243-250.



2. **Manoj Sharma**, R.Vijayaraghavan and O.P. Agrawal (2010). Comparative toxic effect of nitrogen mustards (HN-1, HN-2 and HN-3) and sulphur mustard on haematological and biochemical variables, and their protection by DRDE-07 and its analogues. *International Journal of Toxicology*. 29(4):391-401.
3. **Manoj Sharma**, R.Vijayaraghavan and K. Ganesan (2008). Comparison of toxicity of selected mustard agents by percutaneous and subcutaneous routes. *Indian Journal of Experimental Biology*. 46: 822-830.
4. **Manoj Sharma**, S.C. Pant, R. Vijayaraghavan and K. Ganesan. (2010). Nitrogen and Sulphur mustard induced histopathological observations in mouse visceral organs. *Journal of Environmental Biology* 31 6: 891-905.
5. **Manoj Sharma**, R.Vijayaraghavan, U.Pathak and K. Ganesan (2009). Prophylactic efficacy of amifostine, DRDE-07 and their analogues against percutaneously administered nitrogen mustards and sulphur mustard in preventing the systemic toxicity. *Defence Science Journal*. 59 (5):512-516.
6. R. Vijayaraghavan, Anshoo Gautam and **Manoj Sharma** (2009). Medical countermeasures and other therapeutic strategies for sulfur mustard toxicity : *In Handbook of Toxicology of Chemical Warfare Agents* Elsevier publication.(Chapter-60):897-918.
7. **Manoj Sharma**, J. Fernandes, Dheeraj Ahirwar and Ritesh Jain. (2008). Hypoglycemic and hypolipidemic activity of alcoholic extract of citrus aurantium in normal and alloxan-induced diabetic rats. *Pharmacologyonline*. 3: 161-171.
8. A. Gautam, R. Vijayaraghavan, **Manoj Sharma** and K. Ganeshan (2006). Comparative toxicity studies of sulfur mustard (2, 2'- dichloro diethyl sulfide) and monofunctional sulfur mustard (2-chloroethyl ethyl sulfide) administered through various routes in mice. *Journal of Medical Chemical Biological and Radiological Defence*. 4: e1-21.
9. R. Vijayaraghavan, A. Gautam, **Manoj Sharma**, Satish HT, S.C.Pant and K. Ganesan (2008). Comparative evaluation of some flavonoids and tocopherol acetate against the systemic toxicity of sulphur mustard. *Indian Journal of Pharmacology*. 40: 114-120.
10. R. Vijayaraghavan, Neeti Jain, Anshoo Gautam, **Manoj Sharma**, Seema Singh, D. Kumar, Pravin Kumar, ASB Bhaskar, AK Gupta and Suman Jain (2007). Evaluation of the antidotal efficacy of atropine sulfate and pralidoxime chloride given by auto injectors against nerve agent (sarin) toxicity, *Journal of Medical Chemical Biological and Radiological Defence* 5: e1-11.