

Dr. Prashantkumar Waghe



College name: Veterinary College, Nandinagar, Bidar – 585 226

Department of Veterinary Pharmacology and Toxicology

Designation and address: Assistant Professor

Department of Veterinary Pharmacology and Toxicology
Veterinary College, Nandinagar, Bidar – 585 226

Qualifications: M.V.Sc., Ph.D

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Fields(s) of specialization: Veterinary Pharmacology and Toxicology

Current Projects

| Project title | Role in the project | Fund outlay | Funding agency |
|--|------------------------|-------------|--|
| Studies on influence of arsenic on the pharmacodynamics of nonsteroidal anti-inflammatory drugs in male rats | Principal Investigator | 2.00 Lakhs | SCSP-TSP Grant - Social Welfare Department, GoK/ KVAFSU(B) |
| Effects of melatonin on vascular dysfunction in arsenic-exposed rats | Principal Investigator | 1.00 Lakhs | SCSP-TSP Grant - Social Welfare Department, GoK/ KVAFSU(B) |

Completed Projects

| Project title | Role in the project | Fund outlay | Funding agency |
|---------------|---------------------|-------------|----------------|
|---------------|---------------------|-------------|----------------|

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|---|----------------------------|-------------|--|
| Validation of ethnoveterinary practices in the management of common ailments of animals | Project Coordinator | 18.00 Lakhs | RKVY |
| Screening of <i>Clerodendrum inerme</i> for pharmacological activity | Co- Principal Investigator | 0.30 Lakhs | KVAFSU, Bidar |
| Evaluation of pharmacodynamic interactions between meloxicam with certain flouroquinolones | Co- Principal Investigator | 0.50 Lakhs | KVAFSU, Bidar |
| Analysis of nitrate and or nitrite in fodder crops, farm land weeds and water sources for livestock in and around Shivamogga | Co- Principal Investigator | 0.30 Lakhs | KVAFSU, Bidar |
| Experimental studies on influence of arsenic exposure on the pharmacodynamics of meloxicam, a nonsteroidal anti-inflammatory drugs in male rats | Principal Investigator | 0.40 Lakhs | KVAFSU, Bidar |
| Studies on potential therapeutic utility of pimobendan in arsenic induced cardiovascular dysfunction in wistar rats | Principal Investigator | 1.45 Lakhs | SCSP-TSP Grant - Social Welfare Department, GoK/ KVAFSU(B) |
| Pathomorphological and biochemical evaluation of methotrexate induced hepatotoxicity and its amelioration by andrographic paniculata | Co- Principal Investigator | 1.00 Lakhs | SCSP-TSP Grant - Social Welfare Department, GoK/ KVAFSU(B) |

Proposed research programmes

Recent Research Publications

1. **Prashantkumar Waghe**, Souvendra Nath Sarkar, Thengumpallil Sasindran Sarath, Kannan Kandasamy, Soumen Choudhury, Priyanka Gupta, Sankarankutty Harikumar and Santosh Kumar Mishra (2017). Subchronic arsenic exposure through drinking water alters lipid profile and electrolyte status in rats. *Biological Trace Element Research*, 176(2):350-354.
2. L. V. Lokesha, Jagadeesh S. Sanganal, N. B. Shridhar, K. S. Rao, H. D. Narayanaswamy, V. Girish Kumar, N. Prakash, **Prashantkumar Waghe**, S. Yogesh Gowda and Shekhar (2017). Multi-residue analysis (GC-ECD) of some organochlorine pesticides in commercial broiler meat marketed in Shivamogga city, Karnataka state. *Journal of Experimental Zoology India*. 20(2):929-931.
3. **Prashantkumar Waghe**, Souvendra Nath Sarkar and N Prakash (2018). Subchronic arsenic exposure through drinking water alters the aortic reactivity to adrenergic agonists: Noradrenaline in Rat. *Frontier Journal of Veterinary and Animal Science* 7(1): 4-7.
4. Lokesha L.V, Prakash N, **Prashantkumar Waghe** and Pavithra B.H (2018). Screening of *Clerodendrum Inerme* (L). for pharmacological activity on central nervous system in mouse. *Frontier Journal of Veterinary and Animal Science* 7(1): 18-22.
5. Prasada Ningappa Durappanavar, Prakash Nadoor, **Prashantkumar Waghe**, Pavithra B. H and Jayaramu G.M (2018). Melatonin ameliorates neuropharmacological and neurobiochemical alterations induced by subchronic exposure to arsenic in wistar rats. *Biological Trace Element Research*. doi:10.1007/s12011-018-1537-1

Honours & Awards:

1. **‘Best Poster Presentation Award’** at 20th International Conference on Veterinary Pharmacology and Toxicology, held in Bangkok, Thailand during January, 18-19, 2018.

Others Achievements (less than 200 words)

1. Attended the 20th International Conference on Veterinary Pharmacology and Toxicology, held in Bangkok, Thailand during January, 18-19, 2018.
2. Acted as Session Chair for oral and technical presentation at 20th International Conference on Veterinary Pharmacology and Toxicology, held in Bangkok, Thailand during January, 18-19, 2018.