

# RESUME

**Dr. Naveen Kumar**

*Ph.D.*

**Associate Professor**

Deptt. Pharmacology & Toxicology,  
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## TEACHING EXPERIENCE

**Associate Professor (01<sup>st</sup> November, 2024 to date)**

- Department of Veterinary Pharmacology and Toxicology, Arawali Veterinary College, BAJOR, Sikar, Rajasthan

**Assistant Professor (11/02/2021 – 31/10/2024)**

- Department of Veterinary Pharmacology and Toxicology, Arawali Veterinary College, Sikar, Rajasthan.

**Assistant Professor (09/08/2012 – 08/08/2014)**

- Department of Pharmacology and Toxicology, Khalsa College of Veterinary and Animal Sciences (KCVAS), Amritsar, Punjab.

**Teaching Personal (14/03/2012 – 14/08/2012)**

- Teaching Veterinary Clinical Complex, College of Veterinary and Animal Sciences, GBPUAT, Pantnagar, Uttarakhand.

## SPECIALIZATION OF RESEARCH WORK

**Doctor of Philosophy (PhD)**

- ✚ Evaluation of antioxidative and immunomodulatory potential of *Trigonella foenum-graecum* against imidacloprid pesticide induced toxicity in rats.

**Post Graduation (MVSc)**

- ✚ Pharmacokinetics study of ceftriaxone and its interaction with probenecid in healthy and febrile goat.

## EDUCATION

Degree	Year of passing	University	Division	Percentage (%)
Ph.D.	2021	GBPUAT, Pantnagar	1 <sup>st</sup> (Honours)	81.29
M.V.Sc	2012	BAU, Ranchi	1 <sup>st</sup> (Honours)	86.08
B.V.Sc & A.H	2007	OUAT, Bhubaneswar	1 <sup>st</sup>	63.40
Intermediate	2000	BIEC, Patna	1 <sup>st</sup>	67.44

## HONOUR AND AWARD

### Young Scientist Associate Award (2019)

- *International Conference, GAAFES-2019, UGC-HRDC Hall, Kumaun University, Nainital, Uttarakhand.*

### Best Presentation Award (2019)

- *International Conference, GAAFES-2019 at UGC-HRDC Hall, Kumaun University, Nainital, Uttarakhand.*

### Best Poster Award (2018)

- *National Seminar at College of Veterinary Science and Animal Husbandry, NDUAT, Kumarganj, Ayodhya, Uttar Pradesh.*

### Best Research Scholar Award (2018)

- *2<sup>nd</sup> International Conference, ABAS-2018 at Swami Vivekanand Subharti University, Meerut, Uttar Pradesh*

## FELLOWSHIP / ACHIEVEMENT

- ❖ Selected by University Grand Commission (UGC) New Delhi, for Senior Research Fellowship (SRF), for year 2015-2016 to Pursue Ph.D. degree
- ❖ Selected for SRF by Department of Veterinary Pharmacology and Toxicology, College of Veterinary and Animal Sciences, GBPUAT, Pantnagar, Uttarakhand in ICAR funded project, for 10<sup>th</sup> July, 2014 to 30<sup>th</sup> January, 2016.

- ❖ Qualified the All-India Senior Research Fellowship (SRF-PGS), ICAR (Indian Council of Agricultural Research-Senior Research Fellowship)-2013 conducted by ICAR, New Delhi for pursuing Ph.D. programme in discipline Veterinary Pharmacology during the academic session 2013-2014.
- ❖ Qualified Veterinary Council of India (VCI), New Delhi for B.V.Sc. and A.H. degree, 2001.

## **TRAINING AND WORKSHOP**

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**Advanced Diploma in Food Safety:** *1<sup>st</sup> January - 30<sup>th</sup> June, 2020*

**Workshop-cum-Hands on Training:** *17<sup>th</sup> - 18<sup>th</sup> January, 2020*

- Workshop cum hands on training on Advances in Immuno-biotechnology Techniques in Cancer Diagnosis at Uttarakhand Council for Biotechnology, Haldi, U.S. Nagar, Uttarakhand.

**National Workshop:** *27<sup>th</sup> -29<sup>th</sup> March, 2017*

- On “The applications of HRMS and LC-HRMS/MS instruments for the analysis of natural products (small molecules)” organized by Sophisticated Analytical Instrument Facility (SAIF), CSIR-Central Drug Research Institute (CDRI), Lucknow, UP, India.

**The 18<sup>th</sup> Indo-US Flow Cytometry Workshop:** *22<sup>nd</sup> -24<sup>th</sup> February, 2017*

- On “Advanced Flow Cytometry Techniques” jointly organized by the CSIR-CDRI, Lucknow, UP, India & International Society for advancement of Cytometry, Live Education Task Force.

**Pre-Conference Workshop:** *18<sup>th</sup> August, 2016*

- On Experimental and Neurobehavioral Research, Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh, India


**91<sup>st</sup> BRNS-IANCAS National Workshop:** *22<sup>nd</sup> -27<sup>th</sup> February, 2016*

- On “Radiochemistry and Application of Radioisotopes” sponsored by Board of Research in Nuclear Sciences (BRNS) and Department of Atomic Energy (DAE). Radiations and Isotopic Tracer Laboratory, College of Basic Sciences and Humanity, GBPUAT, Pantnagar, Uttarakhand, India.

**Capacity Building Programme:** *15<sup>th</sup> -21<sup>st</sup> July, 2013*

- For University Teachers on Essential Teaching Skills, G. B. Pant University of Agriculture & Technology (GBPUAT), Pantnagar, Uttarakhand.

### A. Book

-  **Naveen Kumar.** (1<sup>st</sup> Ed.), 2018. **Essentials of Veterinary Toxicology.** Daya Publishing House® Division of Astral International Pvt. Ltd. New Delhi.

### B. Review Papers

1. Manish Kumar Verma, **Naveen Kumar** and Rishikant. A review on the pharmacological properties and medicinal use of *Stevia rebaudiana*. *The Pharma Innovation Journal*; 8(1): 371-374, 2019.
2. **Naveen Kumar**, Mahesh Kumar, Manish Kumar Verma, SivaramanRamanarayanan, Amita Ranjan and Rakesh Ranjan. Bioactive effects and safety profiles of fenugreek (*Trigonella foenum-graecum* L.) for pharmaceutical and medicinal applications. *The Pharma Innovation Journal*; 10(12): 912-919, 2021.

### C. Research Papers

- (1) **Naveen Kumar**, AH Ahmad, SP Singh, Disha Pant, Amit Prasad and SK Rastogi. Phytochemical analysis and antioxidant activity of *Trigonella foenum-graecum* seeds. *Journal of Pharmacognosy and Phytochemistry*; 10(1): 23-26, 2021.
- (2) Manish Kumar Verma, A. H. Ahmad, Disha Pant, **Naveen Kumar** and P. C. Patwal. *Chenopodium album* ameliorates cyclophosphamide-induced hyperlipidemia in Sprague dawley rats. *The Pharma Innovation Journal*; 7(12): 423-426, 2018.
- (3) Manish Kumar Verma and Naveen Kumar. Determination of insecticide imidacloprid in soil by HPLC. *International Journal of Chemical Studies*; 6(3): 3667-3669, 2018.
- (4) **Naveen Kumar**, B.K. Roy and A.H. Ahmad. Pharmacokinetic study of ceftriaxone alone and with probenecid in febrile goats. *Indian Journal of Small Ruminants*; 22(1): 64-67, 2016.
- (5) Ravuri Halley Gora, Sushma Lalita Baxla, **Naveen Kumar**, Priscilla Kerketta and Birendra Kumar Roy. Effect of *Tephrosia Purpurea* powder against arsenic induced toxicity in rats. *Indian Veterinary Journal*; 92 (3):19-21, March 2015.
- (6) **Naveen Kumar**, Birendra K. Roy and Amita ranjan. The influence of *E. Coli* lipopolysaccharide induced fever on plasma kinetic of ceftriaxone in Black- Bengal goats. *Veterinarski Arhiv*; 83 (5), 479- 486, 2013.
- (7) **Naveen Kumar**, B.K. Roy, N.K. Pankaj and A. H. Ahmad. Pharmacokinetics of ceftriaxone following intravenous administration in Goats. *Indian Veterinary Journal*; 90 (6): 210-212, 2013.
- (8) **Naveen Kumar**, B.K. ROY, Vijay Kumar, Wasif Ahmad and N.K. Pankaj. Disposition kinetics of ceftriaxone after intramuscular administration in goats. *Journal of Veterinary Pharmacology and Toxicology*; Vol.11/Issue 1-2/85-87, 2013.
- (9) R.H. Gora, S.L. Baxla, Priscilla Kerketta , Reetu Toppo, **Naveen Kumar** and Birendra Kumar Roy. Ameliorative potential of *Tephrosia purpurea* extract against arsenic induced toxicity in wistar rats. *Veterinary World*; 6(8): 493-496, 2013.
- (10) S. L. Baxla , R. H. Gora , P. Kerketta , **Naveen Kumar** , B. K. Roy and P. H. Patra. Hepatoprotective effect of *Curcuma longa* against lead induced toxicity in Wister rats. *Veterinary World*; 6(9): 664-667, 2013.

- (11) **Naveen Kumar**, R. H. Gora, S. L. Baxla, Raju Prasad and B. K. Roy. Urinary kinetics of ceftriaxone in *E. Coli* lipopolysaccharide induced febrile goats. *Journal of Interacademia*; 17(3): 518-522, 2013.

#### D. Popular/Clinical Articles

- i. Rajat Verma, Manish Kumar Verma, Pankaj Patel and **Naveen Kumar**. Management of Lighting System for Poultry Production. *Poultry Line*, 18(5): 45-48; May 2018.
- ii. Richa Thakur, R. Huozha, Vishal Thakur and **Naveen Kumar**. Role of Immune Response in Herpes Simplex Virus Infection. *Indian Farmer*, 4(10): 735-738; Oct-2017.
- iii. Amit Prasad, **Naveen Kumar** and Niddhi Arora. Care and management of Livestock from Poison Hemlock. *Indian Farmer's Digest* 30-31; February, 2017.
- iv. **Naveen Kumar**, Srinivasu M., R. Huozha. Role of skin in the elimination of body waste product. *Livestock Line*, 36; November, 2015.
- v. **Naveen Kumar**, Rabab Saleem and R. Huozha. Neuroendocrine regulation of immune response and susceptibility to immune suppress diseases. *Indian Farmer's Digest*, 40-41; August, 2015.
- vi. **Naveen Kumar**, S. Sathapathy and M. K. Singh. Therapeutic management of organophosphate poisoning in bovines. *Indian Farmer*, 2(2):128-130; February-2015.
- vii. **Naveen Kumar** and S. K. Joshi. Housing and management of layer chicken in tropical areas. *Poultry Punch*, 61-63; February, 2015.
- viii. **Naveen Kumar**. Therapeutic and managerial approaches for prussic acid poisoning in cattle. *Pashudhan*; March, 2014.
- ix. **Naveen Kumar** and Tarik Ahmad Wani. Practical Manuals prepared for General and Systemic Pharmacology (VPT-311) courses. Khalsa College of Veterinary and Animal Sciences (KCVAs), Amritsar, Punjab, 2013-2014.
- x. **Naveen Kumar**, Tarik Ahmad Wani and Supriya Beeri. Practical Manuals prepared for Veterinary Neuropharmacology (VPT-321) courses. KCVAs, Amritsar, 2013-2014.

#### E. Paper Presented in Conferences/ Seminars

- a) **Naveen Kumar**, A. H. Ahmad, Disha Pant, Manish K. Verma, Poorna C. Patwal and Ramanarayanan. S. Neuroprotective effect of *Trigonella foenum graecum* (Fenugreek) seeds against imidacloprid induced toxicity in Wistar rats. Global Perspective in Agricultural and Applied Sciences for Food and Environmental Security, GAAFES-Nainital; 2019.
- b) Verma M.K., Ahmad A.H., Pant D., **Kumar N.**, Patwal P.C., Singh V., Saklani S., Immunostimulant activity of *Chenopodium album* in Cyclophosphamide induced immunosuppression in rats. College of Veterinary Science and Animal Husbandry, Anand Agriculture University, Gujarat; ISVPT-2018.
- c) **Naveen Kumar**, A. H. Ahmad, Manish K. Verma, Mahesh Kumar and Karuna Shanker. Analysis of diosgenin in Fenugreek (Methi) seeds. 2nd International Conference "Advances in Agricultural, Biological and Applied Sciences for Sustainable Future (ABAS), Meerut, Uttar Pradesh; October, 2018.
- d) Manish Kumar Verma, A.H. Ahmad, Disha Pant, **Naveen Kumar**, Parul Rawat. Antihyperlipidemic effect of *Chenopodium album* in Rats. 2nd International Conference "Advances in Agricultural, Biological and Applied Sciences for Sustainable Future (ABAS), Meerut, Uttar Pradesh; October, 2018.

- e) Manish Kumar Verma, A. H. Ahmad, Disha Pant, **Naveen Kumar**, Anushri Pandey. Residual analysis of some antibacterial agents in poultry tissue by HPLC. Combined Workshop and Seminar on HPLC & LC-MS/MS; June, 2018.
- f) Srinivasu M., Singh S.P., Ahmad A.H., Pant D., Thakur R., **Kumar N.**, Verma M.K. Evaluation of genotoxicity of enrofloxacin and ciprofloxacin in rats. XVII Annual Conference, LUVAS, Hisar, ISVPT-2017.
- g) **Naveen Kumar** and Birendra Kumar Roy. Effect of endotoxin induced fever and probenecid on disposition of ceftriaxone in goats. 13<sup>th</sup> annual conference of Indian Society of Veterinary Pharmacology & Toxicology (ISVPT) at Sher-e-Kashmir University of Agriculture Sciences & Technology of Jammu R.S Pura, Jammu, J&K. Page 87, 2013.
- h) **Naveen Kumar** and Birendra Kumar Roy. Effect of Probenecid on pharmacokinetics of ceftriaxone in goats. 13<sup>th</sup> annual conference of Indian Society of Veterinary Pharmacology & Toxicology (ISVPT) at Sher-e-Kashmir University of Agriculture Sciences & Technology of Jammu R.S Pura, Jammu, J&K. Page 14, 2013.
- i) Himansu, Bhabatosh Pal, **Naveen Kumar** and R K Mandial. Incidence of enteritis in neonatal calves in relation to birth-weight, age, sex and season. Symposium on sustainable on livestock and poultry development in Jharkhand at Veterinary College Ranchi, 2011.

#### **MEMBERSHIP OF PROFESSIONAL SOCIETY**

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- Veterinary Council of India
- Bihar Veterinary Council
- Society of Toxicology (STOX)
- Indian Pharmacology Society (IPS)
- Indian Society of Veterinary Pharmacology and Toxicology

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