

Brief Resume

Name : Dr PAWAN KUMAR VERMA
Official address : Professor
Division of Veterinary Pharmacology & Toxicology
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ORCID : <http://orcid.org/0000-0002-2293-6198>
Nationality : Indian
Date of Birth : 28th December, 1975
Place of Birth : Lakhimpur (Uttar Pradesh)
Father's Name : Mr. S. R. Verma
Languages Known : Hindi, English
Marital Status : Married

PROFESSIONAL QUALIFICATIONS

- ✚ **Doctor of Philosophy (PhD):** in Veterinary Pharmacology and Toxicology from Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu in 2015. Title of Thesis: “**Bioprospection of *Alstonia scholaris* & *Calendula officinalis* for antioxidant, antidiabetic, hepato & nephro protective effects**”.
- ✚ **National Eligibility Test (NET)** – Qualified in Veterinary Pharmacology and Toxicology (Veterinary Science) - conducted by ASRB, Indian Council of Agriculture Research, New Delhi, June 2004.
- ✚ **Master of Veterinary Science (M. V. Sc)** in Veterinary Pharmacology and Toxicology from Division of Pharmacology and Toxicology, Indian Veterinary Research Institute Izatnagar – INDIA with OGPA 8.23 out of 10.00 Title of Thesis: “**Studies on the effect of different neurotransmitters on spontaneous muscular activity of *Gastrothylax crumenifer*, a rumen amphistome**”
- ✚ **Bachelor of Veterinary Science & Animal Husbandry (B. V. Sc. & A.H.)** from College of Veterinary & Animal Sciences, G. B. Pant University of Agricultural Sciences and Technology Pantnagar (December 2001 including six months internship training programme) with OGPA 4 .01 out of 5.00.

AWARD AND HONOURS

- ✚ **YOUNG SCIENTIST AWARD -2011** awarded by Hon'ble Mr. N. N. Vohra, Governor of J&K State during the 1st Agricultural Science Congress organized by SKUAST Kashmir in collaboration with Department of Science and Technology, INDIA. The Award contains a memento, certificate along with a check of Rs. 10,000/-
- ✚ **JUNIOR RESEARCH FELLOWSHIP (JRF)** awarded by Indian Council of Agriculture & Research, (ICAR) New Delhi during M. V. Sc. Programme (2001-2003).

- ✚ **ASSOCIATE FELLOWSHIP** of Indian Society of Veterinary Pharmacology and Toxicology (ISVPT) during National Symposium held at College of Veterinary and Animal Sciences, Mannuthy, Kerala on December 18-20, 2019.
- ✚ **ASSOCIATE MEMBER** of National Academy of Veterinary Sciences (NAVS) awarded in 18th Annual Convocation cum Scientific Convention of NAVS on Futuristic Technologies in Animal Health and Production held at Kamdhenu University, Gandhinagar, Gujarat, Dec, 26-27, 2019.
- ✚ ***DISTINGUISHED SCIENTIST AWARD 2020*** for outstanding contribution in Pharmacology and Toxicology by Society for Bioinformatics and Biological Sciences during international e-conference held on 18-19th Dec 2020.
- ✚ ***EDITORIAL BOARD MEMBER*** of monthly Published News letter, NAVS, National and International Journal of repute.
- ✚ Received ***BEST RESEARCH PAPER PUBLISHED in JVPT-2019*** awarded during the XX Annual Conference of ISVPT & International Webinar on “Receptor Dynamics in Cell Signaling” organized by Department of Pharmacology & Toxicology College of Veterinary Science & Animal Husbandry DUVASU, Mathura from October 4-5, 2020.
- ✚ **BEST POSTER PRESENTATION AWARD -03**
- ✚ **BEST ORAL PRESENTATION AWARD -02**

TEACHING:

- ✚ **Undergraduate Courses:** - General and Systemic Veterinary Pharmacology (VPT-311), Veterinary Neuropharmacology (VPT-321), Veterinary Chemotherapy (VPT-411) and Veterinary Toxicology (VPT-421).
- ✚ **Masters Courses:** - General Pharmacology (VPT-601), Autonomic and Autacoid Pharmacology (VPT-602), CNS Pharmacology (VPT-603), Digestive and Respiratory Pharmacology (VPT-604), Cardiovascular & Renal Pharmacology (VPT-605), Endocrine and Reproductive Pharmacology (VPT-606), Chemotherapy (VPT-607), Pharmacological Techniques (VPT-610), Masters Seminar (VPT-691).
- ✚ **Doctoral Courses:** - Advances in Neuropharmacology (VPT-701), Autacoid Pharmacology (VPT-702), Molecular Pharmacology (VPT-705), Immunopharmacology (VPT-608), Clinical Toxicology (VPT-711).
- ✚ Act as Paper Setter and Evaluator of External Examinations for UG and PG courses in different Agricultural Universities and National Institute viz. GADVASU – Ludhiana, SKUAST-Kashmir, CSKHPKV-Palampur, GBPUAS&T-Pantnagar, DUVASU-Mathura, IVRI-Izatnagar, SK Nagar, Gujarat, AAU, Anand, SVPUAT, Meerut, Kerala, SAU, Bhubaneswar, etc
- ✚ Post graduate research student guided
 - a. **As Major Advisor:** MVSc – Guided – 02; Under guidance – 01
PhD – 01 (guided)
 - b. **As Committee Member:** MVSc –(12) PhD (05)

RESEARCH ACTIVITIES

- Demonstrations and setup various laboratories for teaching (UG) and research activities (PG).
- Actively involved in on-going University Funded Research Projects (As Co-PI)
 - ✚ Toxicological Studies of Pesticides in Animals and their amelioration in animal models

- **Screening of plants for their pharmacological activities** (Antidiabetic, Hepatoprotective, Nephroprotective, Anthelmintic potential of medicinal plants)

EXTRAMURAL PROJECTS

- ✓ PI of Indian Council of Medical Research (ICMR) funded project entitled “**Functional and Genetic Modulation of Glutamate Cysteine Ligase (GCL) by Flavonoids in Drug Induced Renal Damage using in vitro and in vivo toxicity models**” amounting 39.98466 Lakhs w.e.f 2021-2024.
- ✓ PI of Research Project entitled “**Ameliorative Potential of Phytochemicals in Fluoride and Pesticide Induced Toxicity in Experimental Animals**”.funded by Directorate of Research, SKUAST-Jammu amounting 0.50 Lakhs from 2021 to 2022.
- ✓ Co PI in externally funded project entitled “**Mechanisms Controlling the Metalaxyl Induced Developmental Toxicity with Special Reference to Reproduction Indices in Wistar Rats**” by the Department of Science & Technology, J&K Govt. amounting 16.79 Lakhs from 2011 to 2013 as Co-PI.
- ✓ Co PI in externally funded project entitled “**Estimation and evaluation of antimicrobial residues in foods of animal origin in Jammu region and their impact on human health**” by the Department of Science & Technology, J&K Govt. amounting 62.87 Lakhs from 2016 to 2020.

EXTENSION ACTIVITIES:

- ✓ **Course co-coordinator:** ICAR sponsor training course on “**Advances in Clinical Pharmacokinetics and Drug Delivery System in Veterinary Practice**” Nov. 7th – 16th, 2006
- ✓ **Member of secretariat of 13th ISVPT conference and national Symposia on “Biopharmaceuticals and Nano Technology in Therapeutics & Development of Anti Cancer drugs from Botanicals”** from Nov. 20-22nd, 2013.
- ✓ **Co-organizing secretary** of Annual Convention & National e-Conference on Emerging Trends in Agricultural & Biological Sciences organized by Society for Bioinformatics & Biological Sciences (SBBS) and Applied Research and Development Organization (ARDO) on 14-15th January 2022.
- ✓ Actively participated in different programmes as assigned by University: Kisan Mela, Village visit programme, etc.

RESEARCH PAPERS PUBLISHED:

1. Publication (Number published):

a) Research Papers in National Journals	:	60
b) International Journals	:	70
c) Popular Articles	:	15
d) Booklets/Manuals/Book Chapters	:	3+10



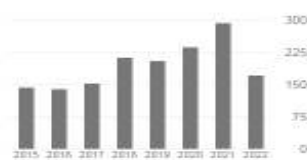
Pawan Kumar Verma

Assistant Professor
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TITLE	CITED BY	YEAR
<input type="checkbox"/> Oxidative renal damage induced by fluoride and dimethoate and its mitigation by Zingiber officinale in Wistar rats P Sharma, PK Verma, S Sood, R Yousof, R Raina		2022
<input type="checkbox"/> Dose-Dependent Oxidative Damage in Erythrocytes and Hepatic Tissue of Wistar Rats Concurrently Exposed with Arsenic and Quinaphos: a Subacute Study PK Verma, P Singh, P Sharma, S Sood, R Raina Biological Trace Element Research 200 (5), 2160-2173	1	2022
<input type="checkbox"/> Distribution of fluoride in plasma, brain, and bones and associated oxidative damage after induced chronic fluorosis in Wistar rats P Sharma, PK Verma, S Sood, R Singh, A Gupta, A Rastogi Biological Trace Element Research 200 (4), 1719-1721	4	2022
<input type="checkbox"/> Impact of Chronic Sodium Fluoride Toxicity on Antioxidant Capacity, Biochemical Parameters, and Histomorphology in Cardiac, Hepatic, and Renal Tissues of Wistar Rats P Sharma, PK Verma, S Sood, M Singh, D Verma Biological Trace Element Research, 1-13	1	2022

- (a) Author of a text book of **Veterinary Toxicology (ISBN978-81226-32-2)** along with Dr Anil Kumar Srivastava and Dr V K Dumka Published by **Satish Serial Publishing House, New Delhi, INDIA, 110033**
- (b) Author of a **Practical book of Veterinary Pharmacology and Toxicology (ISBN 978-93-87590-67-0)** along with Dr Rajinder Raina and Dr N K Pankaj Published by JAYA Publishing House, **New Delhi, INDIA, 110089.**
- (c) Author of a book in Hindi entitled “**PADAP JANIT AAVISHALUTTA EVAM ROG**” (ISBN 9789386200693) along with Dr Rajeev Singh, and Dr A K Srivastava Published by **Satish Serial Publishing House, New Delhi, INDIA, 110033.**

Members of different committees

- ❖ Appointed as an **Observer for National Eligibility cum Entrance Test (NEET)** conducted by the by the Central board of Secondary Education (CBSE), New Delhi
- ❖ Appointed as a **University Representative** at the Indian Council of Agricultural Research, New Delhi **for counseling of Post graduate (PG) admissions** in University for the academic year 2016-17.
- ❖ Appointed as an **Observer for All India Pre-Medical/Pre-Dental Entrance Test** by the Central board of Secondary Education (CBSE), New Delhi
- ❖ Appointed as **In-charge Control Rooms** in the Examination centre for the conduct of **Common Entrance Test (CET)** by the J&K Board of Professional Entrance Examinations (BOPEE)
- ❖ Appointed as **Invigilator** in the Examination of SKUAST-J CET (**Common Entrance Test**) by the conducted by SKUAST-Jammu.
- ❖ Member of **Technical Assessment Committee for the Assessment of Technical Personnel of the Lab Technician in Cat.III (2010)** at National Dairy Research Institute (NDRI), Karnal 132001
- ❖ **Executive member** of Indian society of Veterinary Pharmacology and Toxicology (ISVPT) 2009-1011.
- ❖ Member of **Technical Assessment Committee for the Assessment of Technical Personnel of the Field Farm Technician functional group in Cat. I & II (2013)** at National Dairy Research Institute (NDRI), Karnal 132001

- ❖ Member of **Technical assessment committee for the Assessment of Technical Personnel (Medical & Para-medical) in Cat. III** (2008) at National Dairy Research Institute (NDRI), Karnal 132001
- ❖ **Executive Committee Member** of Society of Toxicology (STOX) India effective from 1st April, 2016 to 31st March, 2018.
- ❖ **Scientific/ International Advisory Board member and Reviewer of *Journal of Intercultural Ethnopharmacology*** now from 2009.
- ❖ International Advisory Board member and Reviewer of ***Journal of Complimentary Herbal Medicine***
- ❖ **Scientific/ International Advisory Board member and Reviewer of *International Journal of Chemistry, pharmacy and Technology*** from 2017.
- ❖ Reviewer of Nephrology – a peer reviewed journal
- ❖ Advisory Board Member of Annals of Pharmacology and Toxicology – a peer reviewed journal
- ❖ Advisory Board member of “International Journal of Ecotoxicology and Ecobiology(IJEE)” a peer reviewed journal
- ❖ Associate Editorial committee of peer reviewed Journal “LOJ Pharmacology & Clinical Research”
- ❖ **MEMBER SECRETARY**, Institutional Animal Ethics Committee (IAEC) of SKUAST-Jammu from 2021.
- ❖ **MEMBER SECRETARY**, Faculty Grievance Cell, Faculty of Veterinary Sciences and Animal Husbandry, R S Pura SKUAST-Jammu
- ❖ **EXECUTIVE MEMBER** of Indian Society of Veterinary Pharmacology and Toxicology (ISVPT) of India for 2019-2022.
- ❖ **MEMBER**, Faculty of Veterinary Sciences and Animal Husbandry R S Pura constituted for 2018-2020.
- ❖ **Associate Editorial Committee** of LOJ PHARMACOLOGY & CLINICAL RESEARCH ISSN: 2644-1373, Lupine Publisher Journal.
- ❖ **International Advisory Board Member** of Journal of Complementary Medicine Research since 2009.
- ❖ **Editorial Board Member** in “International Journal of Ecotoxicology and Ecobiology (IJEE) bearing ISSN Print: 2575-1727 and ISSN Online: 2575-1735 published by scientific publishing group.
- ❖ **Editorial Board Members** of SCIREA **Journal of Clinical Medicine** published by Science Research Association.
- ❖ **Editorial member** (National), International Journal of Chemistry, Pharmacy and Technology ISSN2456-8473.