

Dr. Mohd Yaqoob Wani (BVSc & AH, MVSc, PhD)

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Google Scholar Impact Matrices:

No. of Citations: 1410, h-index: 21, i10-index: 35

Educational credentials

Degree	Field of Specialization	Institution	Year
PhD	Major: Veterinary Immunology Minors: Veterinary Bacteriology and Mycology & Veterinary Virology	IVRI	2013
Master's	Major: Veterinary Immunology & Minor: Animal Biotechnology	IVRI	2010
B.V.Sc & A.H	Veterinary Sciences & Animal Husbandry	SKUAST-K	2008
NET (National Eligibility for Lectureship)	Veterinary para-clinical sciences	ICAR	2010
	Life sciences	CSIR-UGC	2011

Teaching and Research and Extension Experience:

S. No.	Name of the post held on regular basis	Name & Address of Employer	From	To
1	Associate Professor	SKUAST-Jammu	April-2024	Till date
2.	Assistant Professor /SMS	SKUAST-Kashmir KCVAS-Amritsar	Oct. - 2013	March-2024
3.	Research scholar	IVRI	Sept. - 2010	Sept. - 2013

Summary of Research, Teaching, Extension & Publication

Research articles	Review articles	Book chapters/ Lab manuals	Conference abstracts+ technical articles	Fellowships	Awards & appreciations	NCBI gene sequences	Journal Editorial member	Research and Extension projects	Extension books literature
32	12	8+ 4	14+ 13	02	06	10	01	10	07

RESEARCH PROJECTS

1. Development and evaluation of bacterial alginate oligosaccharide based nano-carriers as an efficient antigen delivery system for IDB antigens. (SKUAST-Jammu, University funded project, Budget: 4 lakh , **Principal Investigator:** 2025-2027)
2. Molecular Epidemiology, Evolutionary Dynamics and Stability of Rotavirus at Human-Animal-Environment Interface (**Co-Principal Investigator:** 2025-2028)
3. National One Health Program for control and prevention of Zoonotic Diseases (NOHPCZ) sentinel Surveillance site for Zoonotic Disease (Co-Coordinator/ Liaison Officer, SKUAST-Jammu), by National Centre for Disease Control (NCDC), MoHFW, GoI, , Budget 49 lakh , 2025-28
4. Veterinary Type culture, SKUAST Jammu, **Co Nodal Office/ Co-PI SKUAST Jammu Center**, 2025-till date (ICAR-All India coordinated Network Project)
5. Investigation on body fluids of domestic and companion animals using cost effective veterinary clinical diagnostic techniques, JK STIC, Department of Science & Technology, Budget 10 Lakh , 2025-27 (**Co-Principal Investigator:** 2025-2028)
6. Profiling of antibacterial resistant pathogens of livestock and poultry of North Western Punjab, India (**Principal Investigator:** 2015-2017)
7. Role of lipopolysaccharide during health and disease of animals (associated Researcher 2009-2010)
8. Anti-neoplastic effects of VP3 gene and development of DNA vaccine for CIAV (2010-2012) (ICAR-Niche Area Project)

EXTENSION PROJECTS

1. Formation and Promotion of FPO & FFPO under Implementing agency NCDC (2022-25; **Nodal Officer, CBBO SKUAST-Kahmir** (Budget Amount 1.5 Cr)
2. Innovative Extension Approaches for Revitalizing Agriculture in JK (2023-27; CO-PI; HADP project No. 20; Budget Amount 462.4 CR)
3. Technology intervention for improving food, income security and livelihood of Zanskar farmers (ICAR, 2019-2022, CO-PI (Budget Amount: 4.12 Cr)
4. Project Drone (ICAR, CO-PI, (Budget Amount 25 lakh, 202-23)

AWARDS AND ACHIEVEMENTS

- Recipient of **K S Dhama memorial award (2013) for the “Academic Excellence in Poultry Diseases Research”**. Division of Pathology, IVRI, Izatnagar.
- **C.M. Singh Best poster presentation award (2012)** Seminar on Contributions of IVRI / CARI in Advancement of Veterinary Sciences 30 November, 2012 Jointly Organized by Dr. C. M. Singh Endowment Trust, Central Avian Research Institute and Indian Veterinary Research Institute, Izatnagar - 243 122 UP.
- **8th Rank in combined Council of Scientific and Industrial Research-** University Grants Commission- National eligibility Test (CSIR-UGC NET) - for Lectureship (2011)
- Recipient of Indian Council of Agricultural Research -National eligibility for Lectureship - (ICAR-NET) – 2010
- **1st rank in the all India entrance examination** for admission to Ph.D. programme in Immunology for the academic session 2010-2011, conducted by the Indian Veterinary Research Institute (IVRI).
- Recipient of Indian Council of Agricultural Research – **Senior Research fellowship for PhD** admission - (ICAR- SRF)-2010-11
- Recipient of Institutional scholarship for PhD in IVRI, Deemed university (2010- 2013)
- **25th Rank in the All India Entrance Examination conducted by ICAR - 2008** and recipient of Indian Council of Agricultural Research (ICAR) **Junior Research Fellowship (JRF)** - 2008
- Recipient of Institutional scholarship for MVSc (2008 - 2010)
- **Best review paper award to ‘Plant based oral vaccines for human and animal pathogens – a new era of prophylaxis: current and future perspectives’ by J. Exp Biol Agri Sci** in recognition to its originality, quality and significance in research development.

List of selected publications

1. Kumar P, Panghal R, Minhas SK, Yadav R, Mehtani R, Kumar V, Lather A, Raj S, **Wani MY**, Kattoor JJ, Singh M, Chhabra R, Malik YS, Jindal N. Porcine astrovirus: a review. *Arch Virol.* 2026 Feb 19;171(3):77.
2. Akhter S, Gazal S, Badroo G, Bhat MA,, **Wani MY**, Sharma N. Molecular characterization of lumpy skin disease virus during the first outbreak of lumpy skin disease in Northern Himalayas, India. *Vet Res Commun.* 2025 Feb 8;49(2):102.
3. Pandit A, Mir M, Mir MA, **Wani MY**, et al. Pastoralism in Changthang, Ladakh: adaptations, challenges, and pathways for sustainability. *Mt Res Dev.* 2024 May;44(1):A1-A7.
4. Gugjoo MB, Sakeena Q, **Wani MY**, Ismail AAB, Ahmad SM, Shah RA. Mesenchymal stem cells: a promising antimicrobial therapy in veterinary medicine. *Microb Pathog.* 2023;106234.
5. **Wani MY**, Dhama K, Malik YS. Impact of virus load on immunocytological and histopathological parameters during clinical chicken anemia virus (CAV) infection in poultry. *Microb Pathog.* 2016;96:42-51.
6. **Wani MY**, Goswami TK, Chaudhury D, Singh R, Dhama K. Mitigation of septic signs by pravastatin during LPS co-administered hen white egg lysozyme immunisation in mice. *Int J Pharmacol.* 2014;10(7):389-397.
7. Begum J, Mir NA, Dev K, Buyamayum B, **Wani MY**, Raza M. Challenges and prospects of COVID-19 vaccine development based on the progress made in SARS and MERS vaccine development. *Transbound Emerg Dis.* 2021;68(3):1111-1124.
8. Kumar A, Barathidasan R, Palanivelu M, Singh SD, **Wani MY**, Malik YS, Singh R, Dhama K. A novel recombinant Meq protein based dot-ELISA for rapid and confirmatory diagnosis of Marek's disease induced lymphoma in poultry. *J Virol Methods.* 2016;236:271-280.
9. Sawant PM, Dhama K, Rawool DB, **Wani MY**, Tiwari R, Singh SD, Singh RK. Development of a DNA vaccine for chicken infectious anemia and its immunogenicity studies using high mobility group box 1 protein as a novel immunoadjuvant indicated induction of promising protective immune responses. *Vaccine.* 2015;33(2):333-340.
10. **Wani MY**, Pandit AA, Begum J, Ahmed N, Mir MS. Egg yolk antibodies: production and applications in the diagnosis and treatment of animal diseases-a review. *Lett Anim Biol.* 2022;2(1):32-40.
11. **Wani MY**, Goswami TK, Mir RA, Chaudhuri P, Dhama K. Moderation of immunopathological parameters by pravastatin in *Pasteurella multocida* (Pm52) induced septicemic mice. *Int J Pharmacol.* 2013;9(8):513-523.
12. **Wani MY**, Dhama K, Shayma, Singh SD, Tiwari R. Correlation between cytokine profile, antibody titre and viral load during sub-clinical chicken anaemia virus infection in chicken. *Vet Mediciana.* 2014;1:33-43.
13. **Wani MY**, Dhama K, Singh SD, Bhatt P, Chawakm MM. Experimental pathological studies of an Indian chicken anaemia virus isolate and its detection by PCR and FAT. *Pak J Biol Sci.* 2014;17(6):802-811.
14. Gugjoo MB, Chandra V, **Wani MY**, Dhama K, Sharma GT. Mesenchymal stem cell research in veterinary medicine. *Curr Stem Cell Res Ther.* 2018;13(8):645-657.
15. **Wani MY**, Dhama K, Tiwari R, Barathidasan R, Malik YS, Singh SD, Singh RK. Immunosuppressive effects of chicken infectious anaemia virus on T lymphocyte populations using flow cytometry and hematological parameters during experimental subclinical infection in chicks. *Adv Anim Vet Sci.* 2015;3(3):143-150.
16. Bhat SA, **Wani MY**, Khojuria JK, Katoch K, Dhama K. A rare report of ectoparasites in backyard poultry in Jammu region: prevalence study and economic importance. *Asian J Anim Vet Adv.* 2014;9(11):727-731.
17. Bhat SA, Khajuria JK, Katoch R, **Wani MY**, Dhama K. Prevalence of endoparasites in backyard poultry in North Indian region: a performance based assessment study. *Asian J Anim Vet Adv.* 2014;6:479-488.
18. Anjaneya, Singh SD, Dhama K, **Wani MY**, Gowthaman V. Isolation, antibiogram and PCR detection of *Avibacterium paragallinarum* from poultry flocks of India. *J Pure Appl Microbiol.* 2014;8(5):4181-4188.