

Individual faculty information

1. Name & Designation : Dr. Koushlesh Ranjan, Assistant Professor
3. Highest qualifications : PhD
4. Specialization/ Area of interest : Molecular diagnosis of viral Diseases of Human and livestock.
5. Contact details
(Mobile No & Email address) : +91-9729828914
drkoushleshranjan@gmail.com,
koushlesh.vet@svpuat.edu.in



6. Brief profile

a. Name & Designation: Dr. Koushlesh Ranjan, Assistant Professor

b. Academic qualification

| Degree | Institute/University | Year | Subject |
|------------|------------------------------------------------------------------------------------------|------|-------------------------------------------------------|
| PhD | Lala Lajpat Rai University of Veterinary & Animal Sciences, Hisar-125001, Haryana, India | 2017 | Animal Biotechnology |
| MVSc | Chaudhary Charan Singh Haryana Agricultural University, Hisar-125004, Haryana | 2010 | Animal Biotechnology |
| BVSc & A H | Sri Venkateswara Veterinary University, Tirupati-517502, Andhra Pradesh, India | 2007 | As per MSVE of Veterinary Council of India, New Delhi |

c. Professional position held:

| Designation | Period | University / Institution |
|---------------------|------------------------|------------------------------------------------------------------------------------------------------|
| Assistant Professor | 12-3-2014 to till date | Sardar Vallabhbhai Patel University of Agriculture & Technology, Meerut-250110, Uttar Pradesh, India |
| Research Associate | 9-9-2010 to 12-1-2012 | Lala Lajpat Rai University of Veterinary & Animal Sciences, Hisar-125001, Haryana, India |

d. Number of publication along with ten best publications in APA format:

| Description | | Publication |
|-------------------------------------|---------------|-------------|
| Research Papers | National | 29 |
| | International | 13 |
| Review Articles | National | 10 |
| | International | 12 |
| Abstract | National | 24 |
| | International | 18 |
| Full paper in conference compendium | National | 9 |
| | International | 2 |
| Popular Articles | | 6 |
| Manual/Course compendium/Monographs | National | 9 |
| Book Chapters | National | 12 |
| | International | 19 |

*More than 200 gene sequences of Bluetongue virus, Rotavirus, Canine Parvovirus, Marek's disease virus, Culicoides, Theileria sp. etc. submitted to GenBank (NCBI) Data base.

- i. Kumar, A., Singh D. K., Kumar, A., Fahim, A., Kumar, A., **Ranjan, K.**, Thakur, V. & Kumar A. (2023). Effect of dietary inclusion of rice distillers dried grains with solubles (rDDGS) on growth performance and production efficiency of Kuroiler chicken. *Indian Journal of Animal Sciences*, 93 (1): 72–76. <https://doi.org/10.56093/ijans.v93i1.127074>
- ii. Singh, J., Truong, T. N., An, D., Prajapati, M. R., Manav, A., Quoc, N. B., Ranjan, K., Kumar, P., Kumar, R. & Baranwal, V. K. (2020). Complete genome sequence and genetic organization of a Garlic virus D infecting garlic (*Allium sativum*) from northern India. *Acta virologica*, 64(4): 427–432. https://doi.org/10.4149/av_2020_405
- iii. Singh, J., Singh, M. K., **Ranjan, K.**, Kumar, A., Kumar, P., Sirohi, A. & Baranwal, V. K. (2020). First complete genome sequence of garlic virus X infecting *Allium sativum*- G282 from India. *Genomics*, 112(2): 1861–1865. <https://doi.org/10.1016/j.ygeno.2019.10.020>
- iv. Minakshi, P., Ghosh, M., Kumar, R., Brar, B., Lambe, U. P., Banerjee, S., **Ranjan, K.**, Kumar, B., Goel, P., Malik, Y. S. & Prasad, G. (2020). An Insight into Nanomedicinal Approaches to Combat Viral Zoonoses. *Current topics in medicinal chemistry*, 20(11): 915–962. <https://doi.org/10.2174/1568026620666200325114400>
- v. Minakshi, P., Ghosh, M., Brar, B., Kumar, R., Lambe, U. P., **Ranjan, K.**, Manoj, J., & Prasad, G. (2019). Nano-antimicrobials: A New Paradigm for Combating Mycobacterial Resistance. *Current pharmaceutical design*, 25(13): 1554–1579. <https://doi.org/10.2174/1381612825666190620094041>
- vi. **Ranjan, K.**, Prasad, M., Brar, B., Lambe, U., Kumar, R., Ghosh, M., & Prasad, G. (2019). Bluetongue virus vaccine: conventional to modern approach. *Acta virologica*, 63(1): 3–18. https://doi.org/10.4149/av_2019_109
- vii. Prasad, M., Lambe, U. P., Brar, B., Shah, I., J, M., **Ranjan, K.**, Rao, R., Kumar, S., Mahant, S., Khurana, S. K., Iqbal, H. M. N., Dhama, K., Misri, J. & Prasad, G. (2018). Nanotherapeutics: An insight into healthcare and multi-dimensional applications in medical sector of the modern world. *Biomedicine & pharmacotherapy*, 97: 1521–1537. <https://doi.org/10.1016/j.biopha.2017.11.026>
- viii. Prasad, M., **Ranjan, K.**, Brar, B., Shah, I., Lalmbe, U., Manimegalai, J., Vashisht, B., Gaury, M., Kumar, P., Khurana, S. K., Prasad, G., Rawat, J., Yadav, V., Kumar, S. & Rao, R. (2017). Virus-Host Interactions: New Insights and Advances in Drug Development Against Viral Pathogens. *Current drug metabolism*, 18(10): 942–970. <https://doi.org/10.2174/1389200218666170925115132>.
- ix. Choudhary, P., Minakshi, P., Ranjan, K. & Basanti, B. (2017). Zoonothropotic transmission of rotavirus in Haryana State of Northern India. *Acta virologica*, 61(1): 77–85. https://doi.org/10.4149/av_2017_01_77
- x. **Ranjan, K.**, Minakshi, P., & Prasad, G. (2015). Bluetongue: Indian perspective. *Acta virologica*, 59(4): 317–337. https://doi.org/10.4149/av_2015_04_317

e. Student guided/ Co- guided

| Student | Guided (Number) | Co- guided (Number) |
|---------|-----------------|---------------------|
| PG | | 8 |
| PhD | | 3 |

f. Research project

| Name of position | Name of project | Funding agency |
|------------------|-------------------------------------------------------------------------------------------------------------|----------------|
| Co-PI | Functionalization of Hatchery Unit and Entrepreneurship Development at Poultry Research and Training Centre | RKVY |

g. Award/ Recognition

1. Dr. R.N. Srivastava **Gold Medal** for year 2010-11 for MVSc thesis from COVSc, LUVAS, Hisar, Haryana, India.
2. Second Best paper award (2018) for research article entitle “Occurance of neglected Picobirna virus in buffalo calves associate with diarrhoea” published in the Indian Journal of Veterinary Sciences & Biotechnology (IJVSBT), 2017-18, 13(3):16-20 during national seminar on “Newer concepts and approaches for improvement of Animal health and production” & VI annual convention of the society for veterinary sciences and biotechnology, held at College of Veterinary and Animal Sciences, Navania, Udaipur, RAJUVAS Rajasthan during 13-14 December 2018.
3. Best paper award (2017) for research article entitle “Culicoides oxystoma a potential vector for transmission of Bluetongue virus 16 in southern India” published in the Indian Journal of Veterinary Sciences & Biotechnology (IJVSBT), 2016-17, 12(3):112-117 during national seminar on “Opportunities and challenges of Translational research in the frontier areas of animal Biotechnology” & V annual convention of the society for veterinary sciences and biotechnology, held at veterinary college OUAT, Bhubaneswar, Odisha during 22-23 September 2017.
4. **CSIR-SRF** fellowship for PhD programme (in 2013).