

1. Name:	Dr Aditi Lal Koul
2. Designation:	Professor
3. Contact Address:	Division of Veterinary Physiology & Biochemistry, F.V.Sc. & A.H., SKUAST-J, R. S. Pura, Jammu- 181102 (J&K)
4. E-Mail:	draditi2006@gmail.com aditi25@skuastj.org
5. Mobile:	094192-92800
6. Professional Experience:	i. Project Assistant (Level II) in a project on Genotoxicity studies of herbal/synthetic molecules in Department of Pharmacology, I.I.I.M-Jammu (CSIR) (2007-2008)
	ii. Assistant Professor (2008-2020)
	iii. Associate Professor (2020-2023)
7. Awards/ Honours/ Scholarships:	<ul style="list-style-type: none"> - Institutional Fellowship IVRI (2004-2006) - Qualified CSIR-UGC NET December, 2005 - IIIrd Best poster presentation in IAVNAW, 2015. - IInd Best poster in SOCDAB, 2016. - Best oral presentation in SBBS, 2017. - Best Poster presentation in Virtual International Conference on “Promising Genetic and Genomic Technologies – Frontier in Selection and Animal Improvement”, 2021. - 1st Prize Poster Presentation (Faculty), in Virtual International Conference on “Promising Genetic and Genomic technologies- Frontier in selection and animal improvement” 2021. - Best paper Award, in 5th Annual Convention of Society of Veterinary Biochemistry and Biotechnology and National Symposium on "Current Challenges for Animal Biochemists and Biotechnologists for Improving Animal Health and Production in Post COVID Scenario" 2021. - Inspiring Lady Veterinarian Award-2021 (Academia) conferred by Pashudhan Praharee. - “Women Scientist Award 2024” conferred by NAAAS 2024 and Society of Agriculture Research and Social Development (SARSD) - Best Paper Presentation award at, SVBBICON 2025 at Mathura.
8. Area of Specialization:	Veterinary Biochemistry
9. Research Interest:	Molecular Biology and Clinical Biochemistry

10. Total No. of Publication (Referred Journals):	International: 7 No National: 21 No Popular Articles: 5 No
11. Selected Publications (best five):	<p>1. Singh, G.D, Ganjoo, M., Youssof, M. S., Koul, A., Sharma, R., Singh, S., Sangwan, P. L., Koul, S., Ahamad, D. B., Johri, R. K. 2009. Sub-acute toxicity evaluation of an aqueous extract of <i>Labisia pumila</i>, a Malaysian herb. Food and Chemical Toxicology, 47:2661-2665.</p> <p>2. Gupta, P., Kumar, N., Das, A. K., Katoch, R., Koul, A. L., Taggar, R. K., Chakraborty, D. and Kumar, D.2012. Lack of association of resistance towards <i>Haemonchus contortus</i> infection with PCR-RFLP of MHC-DYA gene in Rambouillet crossbred sheep. The Indian Journal of Animal Sciences, 82(6):565-568.</p> <p>3. Pandey, V., Koul, A. L., Raghuwanshi, P., Gupta, S. K., Sharma, N. and Sharma, D. 2012. Impact of subclinical mastitis on blood biochemistry of dairy cows. The Indian Journal of Animal Sciences, 82(5): 477-478.</p> <p>4. P. Khajuria, P. Raghuwanshi, A. Rastogi, A. L. Koul, R. Zargar and S. Kour. 2017. Hepato-protective effect of seabuckthorn leaf extract in streptozotocin induced diabetes mellitus in Wistar rats. Indian Journal of Animal Research, doi: 10.18805/ijar.B-3439.</p> <p>5. Singh, R., Gupta, S.K., Upadhyay, S. and Koul A. L. 2011. Clinico-hemato-biochemical studies in Equines infected with <i>T. evansi</i>. Veterinary Practitioner, 12(2):142-147.</p>
12. Student advisory:	M.V.Sc.: 02 No ; Ph.D.: NIL
13. Books/ Manuals/ Monographs:	UG Manuals Authored: 03 No Books authored: 03 No Book Chapters: 21 No Compendium/ Souvenir chapter: 14 No Extension Publications: 25 No
14. Seminar / Workshop / Conference attended:	28 No
15. Extension trainings associated with:	<ul style="list-style-type: none"> • 13 No • Course Coordinator, Model Training Course on “Improved Animal Husbandry Practices as a way for doubling farmer income”, 3rd February to 10th February, 2020 • Course Coordinator, 2 Days hands on training on “Specimen Collection and Handling for laboratory diagnosis”- SAMETI-J, 2nd March, 22 to 3rd March, 22.

	<ul style="list-style-type: none"> • Training Co-Cordinator, 11th five day training on “Capacity Building of women through livestock farming” sponsored by NCW, GOI-New Delhi. (AUJ/FVSJ/VAHEE/F-NCW/2023-24/73 dt:17.05.23) • Programme co-coordinator, One day entrepreneurship programme on "Entrepreneurship Opportunities in Poultry Farming" (IDP-NAHEP) at F.V.Sc. & AH, RS Pura, SKUAST-Jammu on 20.06.2023 • Programme co-coordinator, 10-day training programme on “Basic molecular tools in Animal Biotechnology” (NAHEP-IDP) at F.V.Sc. & AH, RS Pura, SKUAST-Jammu from 15th to 24th November, 2024. • Co-organizing Secretary, One day Animal Health Camp at Village Makhanpur Tehsil Bishnah on 16th January, 2025. • Co-Course Coordinator, 5 days training programme on “Experiential learning of quantitative methods in Veterinary Sciences and animal Husbandry using STATA[®] from 3rd to 7th March, 2025.
16. Research projects as PI/Nodal Officer:	<ul style="list-style-type: none"> • PI of University Funded Project titled “Enzymatic and Biochemical Profile of Domestic animal in Disease conditions”. (Completed) • Co-PI of HADP Project (Revival of cottage-based industry, conservation and branding of ITK's) (Ongoing) • Co-PI University funded project (Seasonal mapping of THI in R. S. Pura Jammu and its effect on milk production and milk composition in lactating cross bred cattle) (Ongoing)
17. Other Achievements if any (Please specify):	<ul style="list-style-type: none"> • Life membership of Scientific and Professional Societies <ul style="list-style-type: none"> - J & K State Veterinary Council - Society of Biological Chemists - Indian Academy of Veterinary Nutrition & Animal Welfare (IAVNAW)

	<ul style="list-style-type: none">- Society for Bioinformatics and Biological Sciences (SBBS)- Indian Society for Advancement of Canine Practice
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