BIODATA

Name	:	**Dr Mranalini Prerna**
Designation	:	Scientist
Discipline	:	Veterinary Parasitology
Area of Research Interest	:	Parasite biology, Host-Parasite interactions, Bio-evaluation, drug resistance, drug and vaccine targets, immunomodulatory pathways
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Qualifications with year and institute

Degree awarded	Institute	Year
BVSc and AH	Uttar Pradesh Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go-Anusandhan Sansthan (DUVASU), Mathura	2013
MVSc (Veterinary Parasitology)	Guru Angad Dev Veterinary And Animal Sciences University (GADVASU), Ludhiana	2015

Previous Employment Record: 7 Years 9 Months (2015-2023), worked as Veterinary Officer in the Department of Animal Husbandry, Government of Uttar Pradesh

PUBLICATIONS

Selected peer-reviewed publications

1.	**Prerna, M.**, Singh, N. K., Singh, H., & Rath, S. S. (2019). Enzymatic detoxification mediated deltamethrin resistance in *Hyalomma anatolicum* (Acari: Ixodidae) populations of western Punjab. *Exploratory Animal & Medical Research*, *9*(1).
2.	**Prerna, M.**, Singh, N. K., & Singh, H. (2017). Susceptibility status of *Hyalomma anatolicum* ticks collected from Western Punjab against cypermethrin. *Journal of Veterinary Parasitology*, *31*(1), 1-4.
3.	Singh, N. K., Vemu, B., **Prerna, M.**, Singh, H., Dumka, V. K., & Sharma, S. K. (2016). Acaricidal activity of leaf extracts of *Dalbergia sissoo* Roxb.(Fabaceae) against synthetic pyrethroid resistant *Rhipicephalus* (*Boophilus*) *microplus*. *Research in Veterinary Science*, *106*, 1-6.
4.	Singh, N. K., Singh, H., **Prerna, M.**, & Rath, S. S. (2015). First report of ivermectin resistance in field populations of *Rhipicephalus* (*Boophilus*) *microplus* (Acari:

	Ixodidae) in Punjab districts of India. *Veterinary Parasitology*, *214*(1-2), 192-194.
5.	Singh, N. K., **Prerna, M**., Singh, H., & Rath, S. S. (2015). Detection of malathion resistance in *Hyalomma anatolicum anatolicum* from Bathinda district, Punjab. *Toxicology International*, *22*(1), 125.
6.	Singh, N. K., Jyoti, Vemu, B., Singh, H., **Prerna, M**., Daundkar, P. S., ... & Dumka, V. K. (2015). In vitro acaricidal activity of *Murraya koenigii* (L.) Spreng (Rutaceae) extracts against synthetic pyrethroid-resistant *Rhipicephalus* (*Boophilus*) *microplus*. *Parasitology research*, *114*, 1531-1539.