

Curriculum vitae

Personal Details

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Citizenship India

Professional Qualifications

- PhD Biotechnology from Guru Nanak Dev University, Amritsar, Punjab.
- MSc Zoology from Guru Nanak Dev University, Amritsar, Punjab.

Employment History

- Assistant Professor, Centre for Computational Biology and Bioinformatics, Central University of Himachal Pradesh, Dharamshala (March, 2022 – till date)
- Assistant Professor, PG Department of Zoology, DAV College Jalandhar. (July, 2018 – March, 2022)
- Assistant Professor, PG Department of Zoology, DAV University Jalandhar. (September, 2015 – July, 2018)
- Assistant Professor, Department of Biotechnology, KMV College, Jalandhar. (September, 2011 – September, 2015)

Specialisation

Molecular Biology, Animal Biotechnology, Neurochemistry

Research Interests

- Computer-aided drug design: Exploring novel drug targets against parasitic infection.

Teaching

- Computer aided drug design
- Chemoinformatics
- Biochemistry
- Cell and Molecular Biology

Awards/ Fellowships/ Membership Professional Bodies

- Partial Travel Award to present scientific work at “22nd Biennial Meeting of the ISN/APSN Joint Meeting” 23-28 August 2009, Busan (Korea).

- BEST POSTER PRESENTATION AWARD at “International Symposium on Regenerative Neuroscience” 17-18 January 2008, NIMHANS Bangalore.
- CSIR-JRF/SRF during Ph D.
- LIFE MEMBER: IAN, Indian Academy of Neurosciences.
- LIFE MEMBER: SNCI, Society for Neurochemistry (India)

Publications

1. Vandna Kumari, N Mattu, P Thakur, D Lakhanpal, VK Mattu (2022). Wide diversity of pollens in honey samples from Indian Himalayan neighbourhoods: a melissopalynological study, *Environmental and Experimental Biology* 20 (2), 103–111-103–111
2. Reena Kumari, Vandna Kumari & Dinesh Lakhanpal (2020). A preliminary study on butterfly fauna (Lepidoptera) from Deotsidh hills of Himachal Pradesh. *UP Journal of Zoology*, 41(9), 147-151.
3. Kanika Sharma, Vandna Kumari & Dinesh Lakhanpal (2020). A preliminary study of diversity of butterflies around Govind Sagar lake in district Una, Himachal Pradesh. *UP Journal of Zoology*, 41(9), 123-127.
4. Rumani Singh, Shaffi Manchanda, Taranjit Kaur, Sushil Kumar, Dinesh Lakhanpal, SS Lakhman, Gurcharan Kaur (2015). Middle age onset short-term intermittent fasting dietary restriction prevents brain function impairments in male Wistar rats. *Biogerontology*. 2015 Dec;16 (6):775-88.
5. Praveen Kumar, Raghavendra Singh, Arshed Nazmi, Dinesh Lakhanpal, Hardeep Kataria and Gurcharan Kaur (2014) Glioprotective effects of Ashwagandha leaf extract against lead induced toxicity. *Biomed research international. BioMed Research International* Volume 2014, Article ID 182029, 15 pages
6. Rumani Singh, Dinesh Lakhanpal, Sushil Kumar, Sandeep Sharma, Hardeep Kataria, Manpreet Kaur and Gurcharan Kaur. (2011) Late onset intermittent fasting dietary restriction as a potential intervention to retard age associated brain function impairments in male rats. *Age (Dordr)*. 2012 Aug; 34(4):917-33.
7. Dinesh Lakhanpal, Hardeep Kataria and Gurcharan Kaur. (2011) Neuroendocrine plasticity in GnRH release is disrupted by valproic acid treatment of cycling rats. *Acta Neurologica Belgica*, 111, 121-129
8. Dinesh Lakhanpal and Gurcharan Kaur. (2007) Valproic Acid Alters GnRH-GABA Interactions in Cycling Female Rats. *Cellular and Molecular Neurobiology*, Volume 27, Number 8, 1069-1083.