Dr. D.Prasadi N. De Silva
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Dr. Prasadi de Silva, Graduated from the Faculty of Veterinary medicine and Animal Science, University of Peradeniya with First class honors and Completed 02 masters, first, MSc in Fisheries and Aquatic Resource Management from University of Sri Jayewardenepura followed by, Master in Agricultural and Life Sciences, The University of Tokyo, Japan.

She obtained her PhD on transcriptomics and immunotherapeutics from the Graduate School of Agricultural and Life Sciences, The University of Tokyo, Japan in 2020. Dr. Prasadi received several awards including, Gold medal for Veterinary Public Health, Astron scholarship for highest performance in 1st, 2nd and 3rd BVSc and Japanese government (MEXT) fellowship from 2014 – 2020.

She holds membership in Sri Lanka Veterinary Association, Sri Lanka Association for Laboratory Animal Science, Society for Alternatives to Animal Testing in Sri Lanka. Her service to the field of alternatives to lab animal research includes, the establishment of the first zebrafish research facility in Sri Lanka at Uva Wellassa University, establishment of first silkworm laboratory in Sri Lanka at Department of Chemistry, University of Colombo, and development of computational models to reduce the use of lab animal testing in Sri Lanka,

Dr. De Silva contributed in the dissemination of knowledge at conferences and scientific gatherings on her research outcomes of lab animal science and serves as a resource person for several workshops, training programs and certificate courses conducted by SLALAS and SAAT-SL. She is a reviewer of many publications related to lab animal science and zebrafish model and obtained grants to develop alternatives to lab animal science, particularly the zebrafish embryo toxicity testing and Silkworm infectious disease model.

Dr. Prasadi De Silva holds several publications in the fields of ecotoxicological assays using zebrafish embryo toxicity assay (pesticides, heavy metals and fluoride ion toxicity assays using FET), transcriptomic analysis of immune genes of sharks and development of nanobody for immunotherapy, computational modelling for lab animal testing and zebrafish embryo toxicity testing, determining zebrafish anaesthetic efficacy and animal diseases (mainly on fish health management and aquatic microbiology).

Since the establishment of Sri Lanka Association of Laboratory Animal Science in 2013, Dr. De Silva played and active role as an executive committee member for many years and currently she is the President of The Society for Alternatives to Animal Testing in Sri Lanka (SAAT-SL) for year 2025 – 2027.