

Dr S.Sripoorna
Postdoctoral Fellow
Animal Science Building, Ohio State University, Columbus, Ohio, USA

Biosketch

Dr. Sripoorna Somasundaram has completed her PhD in Ciliate Biology Laboratory, Acharya Narendra Dev College, University of Delhi in the year 2021. She worked as Assistant professor in Galgotias University between October 2021 to February 2022. Presently, she is pursuing her postdoctoral research at Animal Science building, Ohio State University, Columbus (Ohio). She has presented her research works in many National and International conferences and participated in workshops held in India during her PhD tenure. She has also attended and presented her work at 4th workshop sponsored by IRCN-BC held at Qingdao, China (2015), in Protist conference at Moscow (2016), and in ISOP/PSA at Vancouver, Canada (2018). She has also undergone hands-on training on ciliate taxonomy for two weeks at the laboratory of protozoology, Ocean University of China in the year 2015. Her PhD work research work was on studying the response of freshwater ciliates towards heavy metals at both cellular and molecular level. As part of her work, she has sequenced *hsp70*, superoxide dismutase, and catalase genes from freshwater ciliates and submitted in GenBank, NCBI. To her credit, she has published 14 research papers in esteemed journals. Currently, she is working on the diversity of rumen ciliates, and on improving the nitrogen utilization in ruminants by altering the biological functions of the rumen ciliates.