

Sunita Sharma, PhD is a Postdoctoral Research Associate in the Department of Cellular Biology at the University of Georgia. Her research focuses on cilia biology, gene regulation, and advanced genomic approaches, including next-generation sequencing and CRISPR-based technologies to understand cellular signaling and disease mechanisms.

Dr. Sharma received her Ph.D. in Biotechnology from Jawaharlal Nehru University, India, where she investigated photoreceptor biology and ciliary signaling using molecular, genetic, and computational approaches. Her work has resulted in multiple peer-reviewed publications and contributions to interdisciplinary research in cell biology and bioengineering.

Beyond her research, Dr. Sharma is actively engaged in scientific service, mentorship, and community building. She serves as a reviewer and editor for several international journals and contributes to science communication initiatives, including writing for the National Postdoctoral Association. She has also participated in Sigma Xi programs as a student research showcase judge and IFoRE abstract reviewer.

Dr. Sharma is committed to supporting early-career researchers and fostering inclusive scientific communities. She is actively involved in professional organizations such as the American Society for Cell Biology and the National Postdoctoral Association, where she contributes to committees focused on policy, advocacy, and professional development. Her leadership experience includes mentoring students and trainees, supporting interdisciplinary collaborations, and contributing to initiatives that promote diversity, equity, and inclusion in science. She is passionate about strengthening connections within the research community and enhancing opportunities for emerging scientists.