

Reesha R. Patel, Ph.D.



Dr. Reesha Patel is a postdoctoral fellow in the lab of Dr. Kay Tye in the Systems Neurobiology Laboratory at the Salk Institute for Biological Studies in La Jolla, California. She completed her Ph.D. work on the role of voltage-gated sodium channels in aberrant neuronal firing and treatment of epilepsy in the lab of Dr. Theodore Cummins at Indiana University School of Medicine. She then did a postdoc with Dr. Marisa Roberto in the Department of Molecular Medicine at The Scripps Research Institute, where she identified chronic alcohol-induced immune adaptations contributing to cellular and synaptic changes in cortical and amygdala brain circuits underlying alcohol use disorder-related behavior. She is currently examining the impact of social stress on behavioral adaptations in alcohol drinking and the contribution of amygdala-cortical circuits to this behavior using advanced optical manipulation and imaging techniques. She is a member of several professional societies, including the Society for Neuroscience and Research Society on Alcoholism (RSA). Dr. Patel has authored multiple publications in the fields of ion channels and addiction and her work has been recognized by several awards including the Enoch Gordis Award, RSA Junior Investigator Award, American Epilepsy Society Fellows Award, and others.