

Susrita Sarkar, Ph.D.

Technology Specialist

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EDUCATION

M.A./Ph.D., Biology (Neuroscience),
Boston University

M.S., Molecular and Cell Biology,
Brandeis University

B.S./M.S., Biological Sciences, IISER
Bhopal

PRACTICE AREAS

Corporate & Investment Diligence

Licensing & Transactions

Patent Opinions

Patent Prosecution

Strategic Counseling

Trade Secrets

Trademarks

TECHNOLOGIES

Chemistry & Materials Science

Industrial Devices

Life Sciences

Medical Devices & Diagnostics

OVERVIEW

Susrita applies her research background in systems neuroscience, molecular and cell biology to assist clients in patent prosecution.

Her doctoral research focused on studying the role of muscarinic receptors in spatiotemporal sequence learning in the mouse primary visual cortex. Using in vivo electrophysiology, targeted pharmacological antagonization of receptors and immunofluorescence, Susrita found that M2 receptors are required for visual sequence learning and are expressed on somatostatin neurons. She has also performed research on oligodendrocytes which she derived from induced pluripotent stem cells of patients with bipolar disorder and schizophrenia. Her master's thesis work focused on chaperones or heat shock proteins in yeast.

Susrita has co-authored a publication in Cell Stress and Chaperones and has an original publication under review in a peer-reviewed neuroscience journal.

EXPERIENCE

Honors:

- INSPIRE Fellowship, Ministry of Science and Technology, Government of India
- Dean's Fellowship, Boston University