

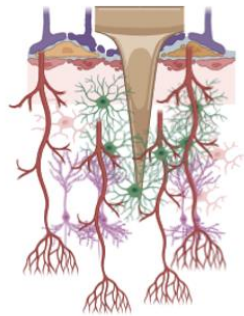
NEURAL INTERFACES LAB

Abhishek Prasad, PhD

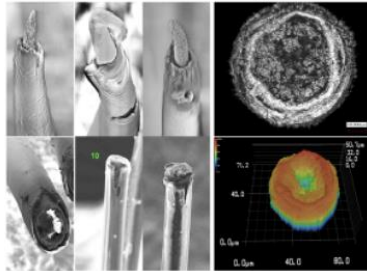
Our mission is to build brain and spinal cord machine interfaces to restore communication and control in individuals with spinal cord injury



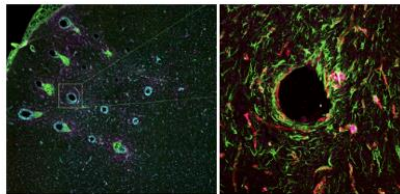
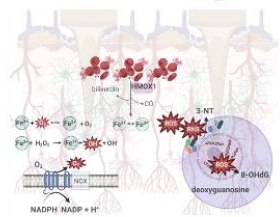
Neural Electrodes



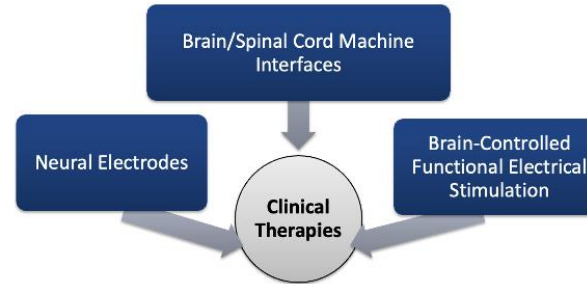
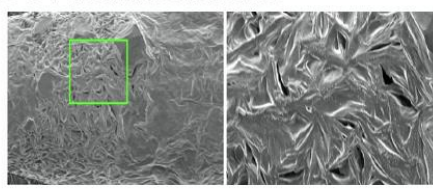
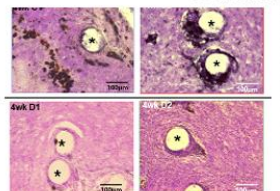
Material Response



Foreign Body Response

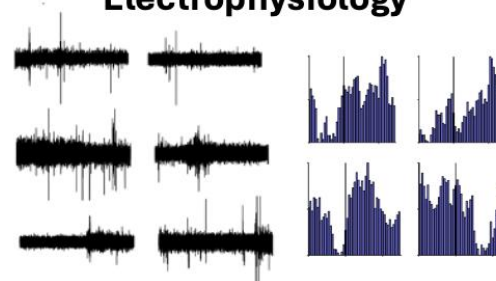


Therapeutics, Drug Delivery, and Surface Modifications

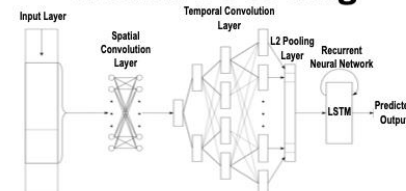


Neuroprosthetics, Decoding and Neuromodulation

Electrophysiology



Neural Decoding



Brain-Computer Interface in Spinal Cord Injury

