



**We Study Brain Damage and Disease**

Micro-  
Neurons & sub-elements

Meso -  
2D / 3D Cultures, Organoids, & Slices (Networks)

Function  
Microelectrode Arrays

## Current Projects

Quantitative Phase Imaging of Neurological Disorders and Trauma

Machine Learning Accelerated Brain Quantitative Phase Imaging Analysis

## Keywords

Spatial Light Interference Microscopy (SLIM)  
Glioblastoma, Traumatic Brain Injury, Multiple sclerosis, Alzheimer's Disease, Cerebral Palsy, Neural Engineering

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