

"How-to...?" Guides on essential lab techniques

powered by Current Protocols



Flow Cytometry



Ensuring Full Spectrum Flow Cytometry Data Quality for High-Dimensional Data Analysis



Proteomics & Metabolomics



Optimized Workflow for Proteomics and Phosphoproteomics with Limited Tissue Samples



Preparation of Proteins and Peptides for Mass Spectrometry Analysis in a Bottom Up Proteomics Workflow



Metabolomics by Gas Chromatography-Mass Spectrometry: Combined Targeted and Untargeted Profiling



Sequencing



Single-Nucleus RNA-Sequencing in Brain Tissue



Centrifugation



Exosome Isolation by Ultracentrifugation and Precipitation and Techniques for Downstream Analyses



Chromatography



Immunoaffinity Chromatography for Protein Purification and Analysis



Extracellular Vesicle Isolation from Different Biological Fluids by Size Exclusion Chromatography



Microscopy



Machine Learning for Analysis of Microscopy Images: A Practical Guide and Latest Trends



Immunofluorescence Microscopy - **SOLD OUT**



Confocal Microscopy: Principles and Modern Practices (& Modern Laser Scanning Confocal Microscopy)



Lightsheet Microscopy



Microscopy and Image Analysis (light microscopy, including objectives, light sources, filters, film, and color photography for fluorescence microscopy and fluorescence in situ hybridization (FISH))



Fluorescence Microscopy - **SOLD OUT**



Scanning Electron Microscopy

