

Lecture Outline for “Experimental Approaches in Molecular and Cell Biology”

Topic	Protein purification and characterization
Lecturer	Dr. Hanna S. Yuan
Course Outline	Protein Purification Chromatographic methods Protein Characterization Protein quantification Electrophoresis Mass spectrometry Dynamic light scattering (DLS) Circular dichroism (CD) Small angle X-ray scattering (SAXS) X-ray crystallography NMR spectroscopy Cryo EM