

II. Detecting Proteins
a. Western Blot

b. Mass Spectrometry

III. Characterizing Proteins
a. X-ray Crystallography

b. Cryoelectron Microscopy

c. Nuclear Magnetic Resonance Spectroscopy

IV. Understanding Protein Functions
a. Pharmacological inhibitors

b. Recombinant DNA

c. Knockout mice

d. RNA interference