Deciphering the Secrets of Protein folding

The power of Raman spectroscopy in deciphering the complex phenomenon like protein folding has been advanced through implementation of the state-of-the-art solid–state kHz lasers for temperature-jump/UV Raman spectroscopy[1,2]. This instrumentation has been successfully used to study protein folding dynamics in various systems such as short helical peptides, coiled-coil peptides[3], polylysine[4], myoglobin [5], and cytochrome C.