

Reading:

Voet, Voet, Pratt, Fundamentals of Biochemistry
Sections 6-4, 6-5A&B (Protein Stability and Protein Folding)
Pages 156-163

Copies of the selected pages are available in the library or on
moodle.lmu.de

Questions:

- 1) What is Levinthal's paradox and how can it be resolved?

- 2) What are the forces that stabilize protein structure?

- 3) What effects destabilize protein structure?

- 4) Would you expect a globular protein to have more or less polar residues compared to a fibrous protein of the same molecular weight? Why?