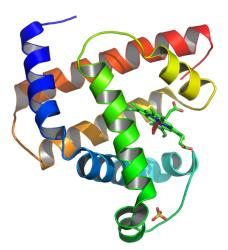
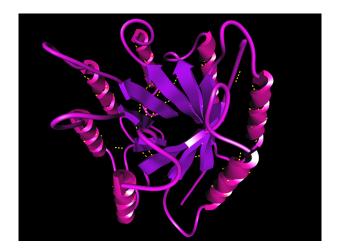
Secondary structures of proteins

Proteins — linear polymers folded in compact globules Secondary structures — standard conformations of peptide chains

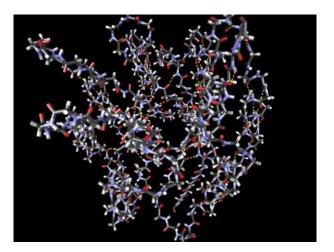
Myoglobin (α -helices)



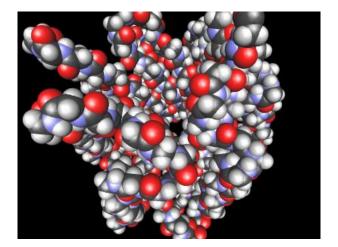
$\alpha\text{-helices}$ and $\beta\text{-chains}$



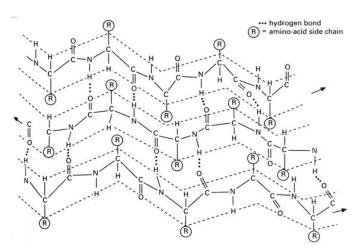
The same protein — scheme of the peptide chain



The same protein — the form which takes into account the sizes of the atoms



β -sheet — stairway like structure



lpha-helix

