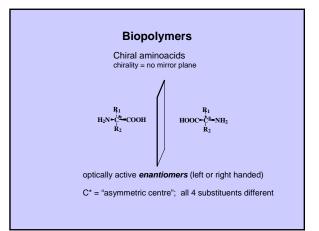
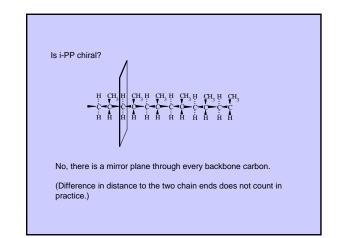
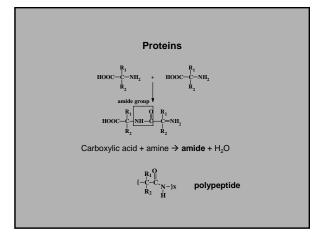
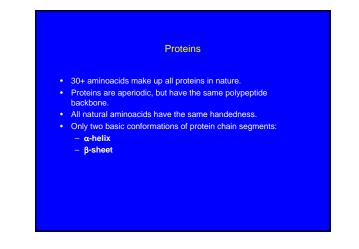
Physics of Solid Polymers

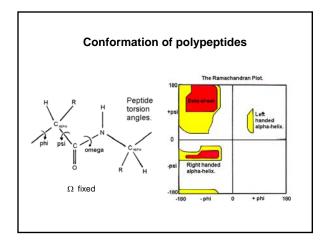


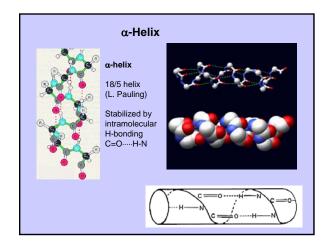






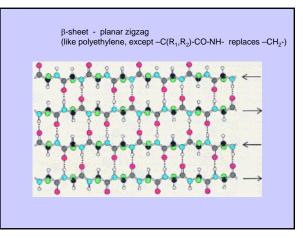


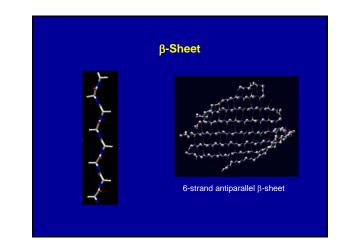




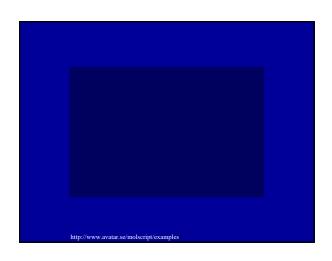
Physics of Solid Polymers

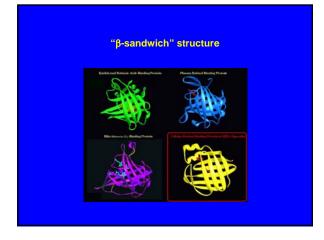


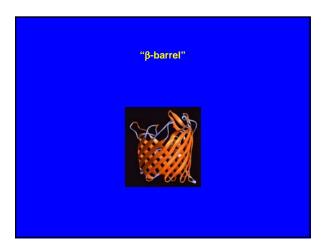




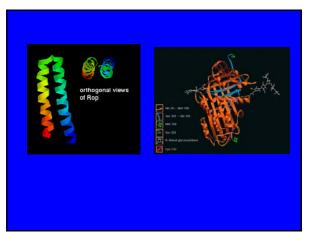
- regular conformations stabilized by H-bonds even though the chains are <u>not crystalline</u>. (in <u>synthetic polymers</u> regular helix is only possible when <u>stabilized by crystallization</u>)
- A complete protein moleule = "tertiary structure"
 - straight sections of $\alpha\text{-helix}$ and $\beta\text{-sheet}$ + folds

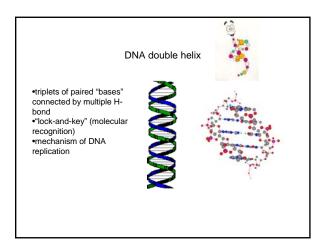


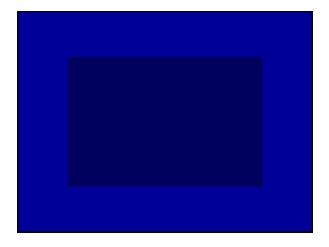


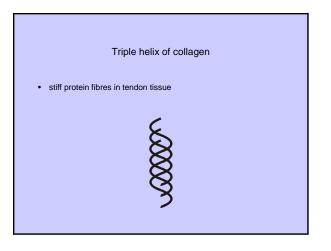


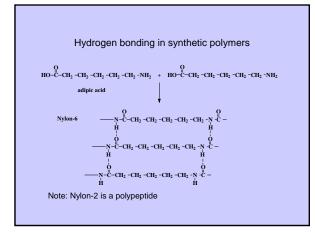


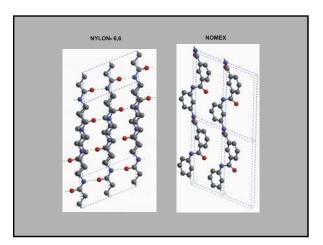












Physics of Solid Polymers



