**Proteins**

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| **Monomer:** |  |
| **Polymer:** |  |
| **Amino Acids**  **Functional groups**  **and**  **Common Structure:** | **Uncharged:**  **Charged:** |
| **Side Chains and Properties:**  **(common compositions)** | **1)**  **2)**  **3)**  **-**  **-** |
| **Reaction to Form Polypeptides:** |  |
| **Type of Bond formed:** |  |
| **4 Levels of Structure** | |
| **Primary:** |  |
| **Secondary:** | **-**  **-** |
| **Tertiary:** | **-**  **-**  **-**    **-** |
| **Quaternary:** |  |
| **Chaperonins:** |  |
| **Denaturation:**  **Causes & Effects** |  |
| **Diseases Associated with Misfolding:** |  |
| **Protein Functions:** | -  -  -  -  -  -  -  - |