**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:** | -------- |