

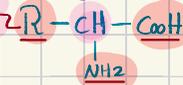
# Amino acids

→ The structural units of proteins

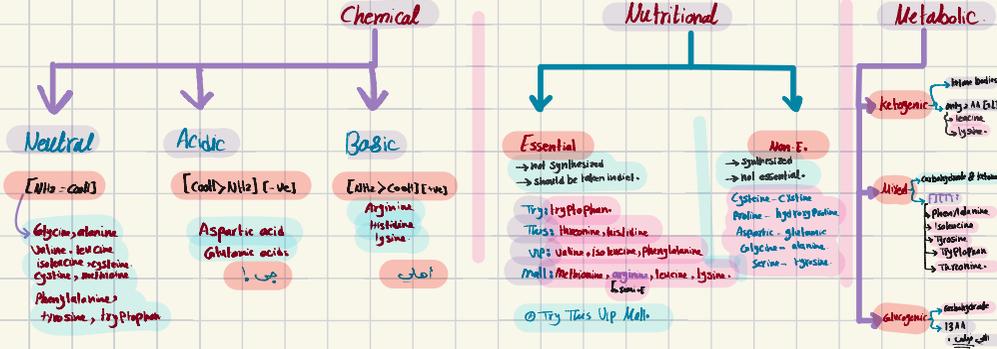
→ There are 20 amino acids

[21 after adding selenocysteine]

which is characteristic for each amino acid



## Classification of AA



# Stromo

**\* Protein misfolding** : Proteins that are not able to form stable 3D S. recognized as misfolded proteins

→ The misfolded protein → aggregates [irreversible] → loss of S. and F.

**E.g.** : ① Alzheimer's D : characterized by dense plaques in the brain caused by misfolding of the β-sheets.   
 • memory loss, lack of recognition

② Cystic Fibrosis D : caused by misfolding of (CFTR) protein

③ Parkinson's D