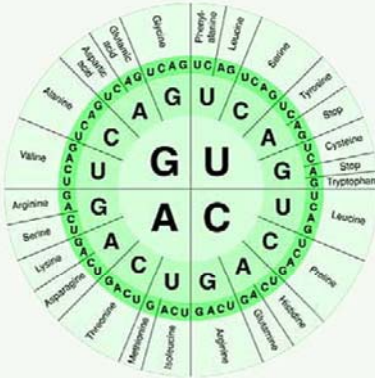
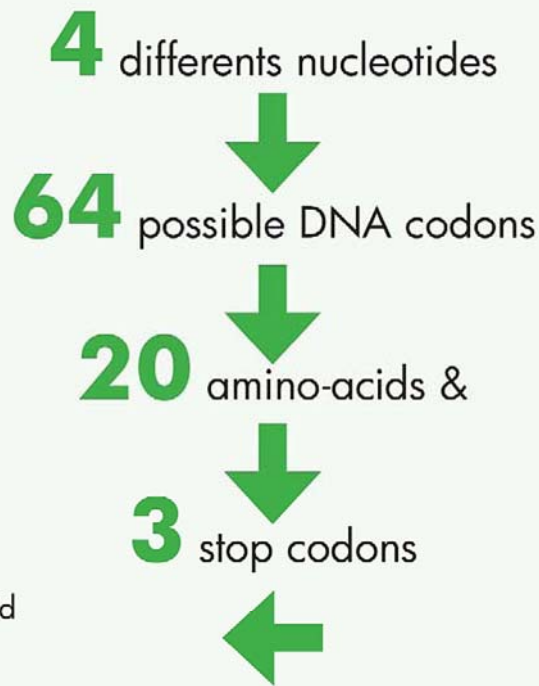


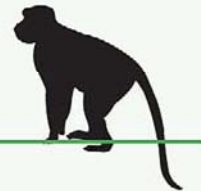
PROTEOMICS



A/T/G = ATG = methionine
 A/T/G = AGT = serine
 A/T/G = GTA = valine
 A/T/G = GAT = Aspartic acid
 A/T/G = TAG = stop codon
 A/T/G = TGA = stop codon



In a mammalian cell, 1 million amide bond between two α -amino acids or peptides are formed each second _____



1 PROTEIN

4 structures

Primary structure = amino acid sequence

Secondary structure = regular sub-structures

Tertiary structure = three-dimensional structure

Quaternary structure = complex of protein molecules

Less than 2% of the genome codes for proteins