

Draw “skeleton of robot”,
labeling the 5 classes of amino acids:

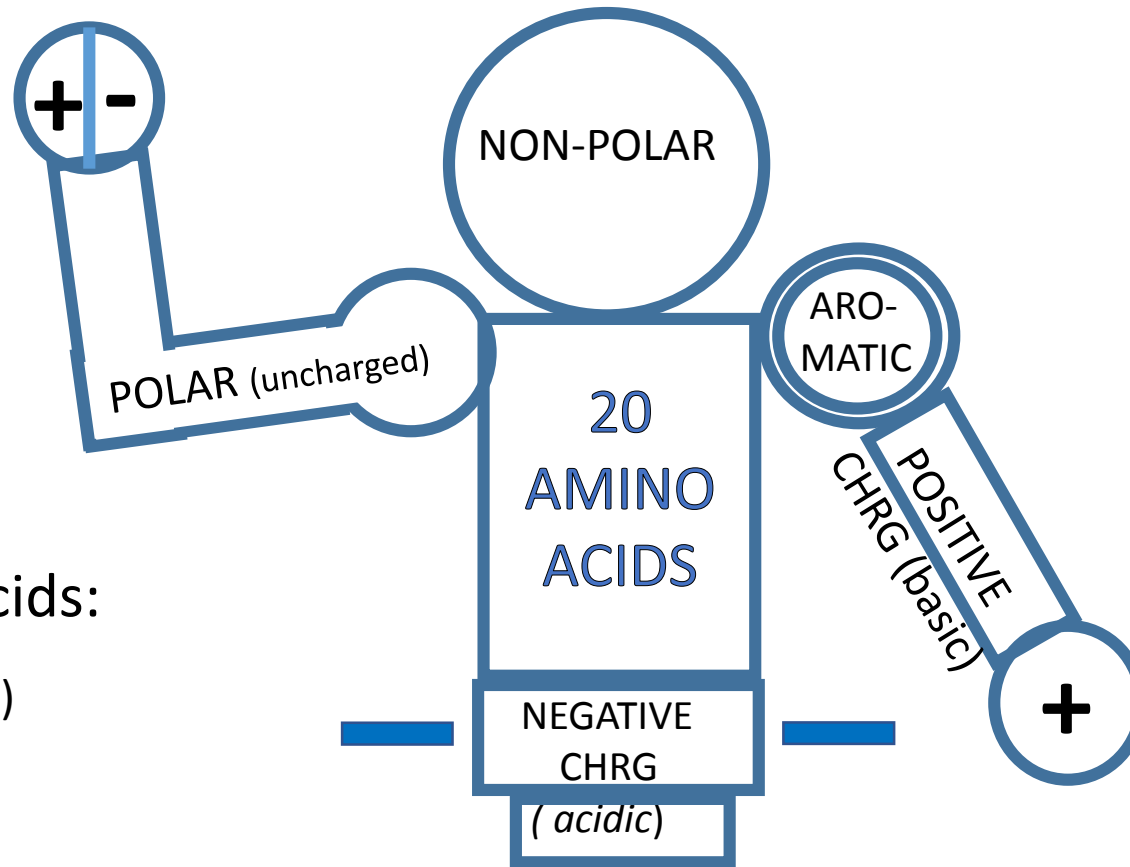
+/- arm as **POLAR** (uncharged)

biggest circle **NON-POLAR**

concentric circles as **AROMATIC**

positive arm as **POSITIVE CHRG** (basic)

bottom boxes as **NEGATIVE CHRG** (acidic)



Place within the 5 classes the one letter amino acid codes

✓ **AVG LIMP** (*average limp*) for:

Alanine, Valine, Glycine &
Leucine, Isoleucine,
Methionine, Proline

✓ **STC NQ** (*stick Nick*) for:

Serine, Threonine, Cysteine &
asparagiNe, (Q)glutamiNe

✓ **WYF** (*aromatic wife*) for:

(W)Trytophan (*nonpolar*),

(Y)tyrosine (*nonpolar*),

(F)phenylalanine (*nonpolar*)

✓ **RKH** (*RicK/RicHard*) for:

(R)aRginine,

(K)lysine, Histidine

✓ **ED** (*Ed*) for:

aspartate, GlutamatE

