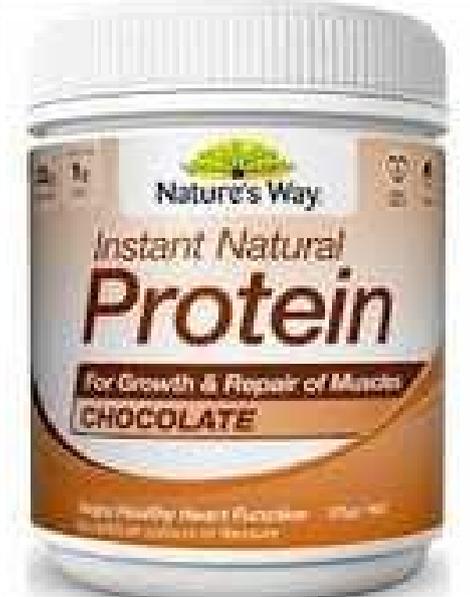
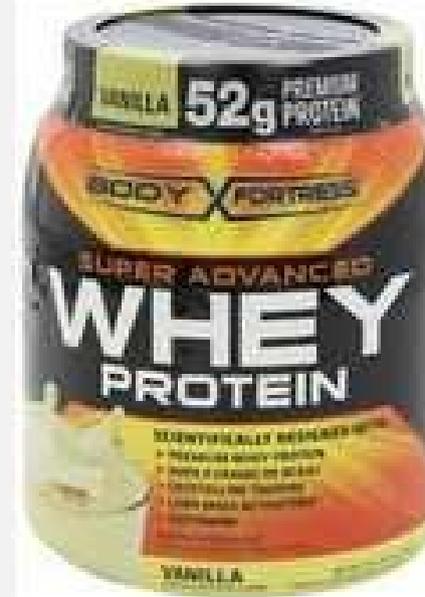
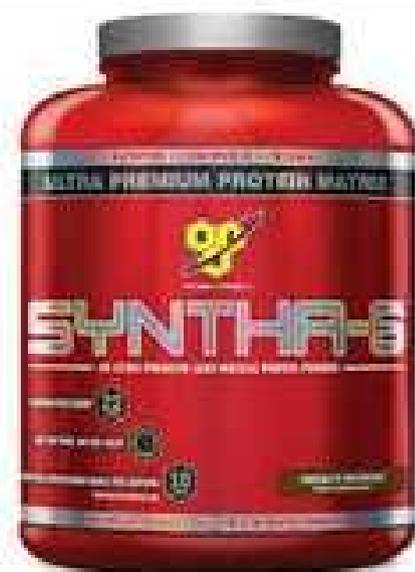
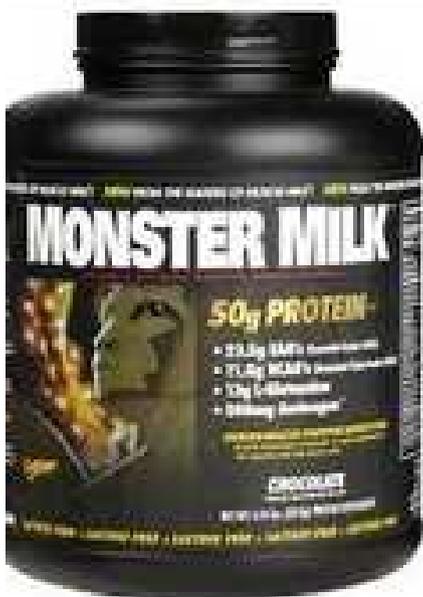
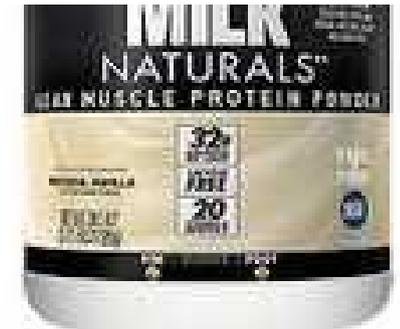
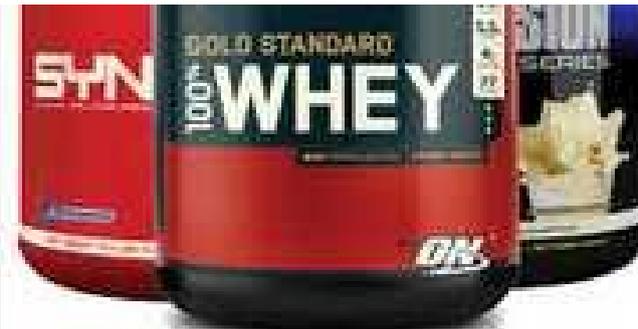


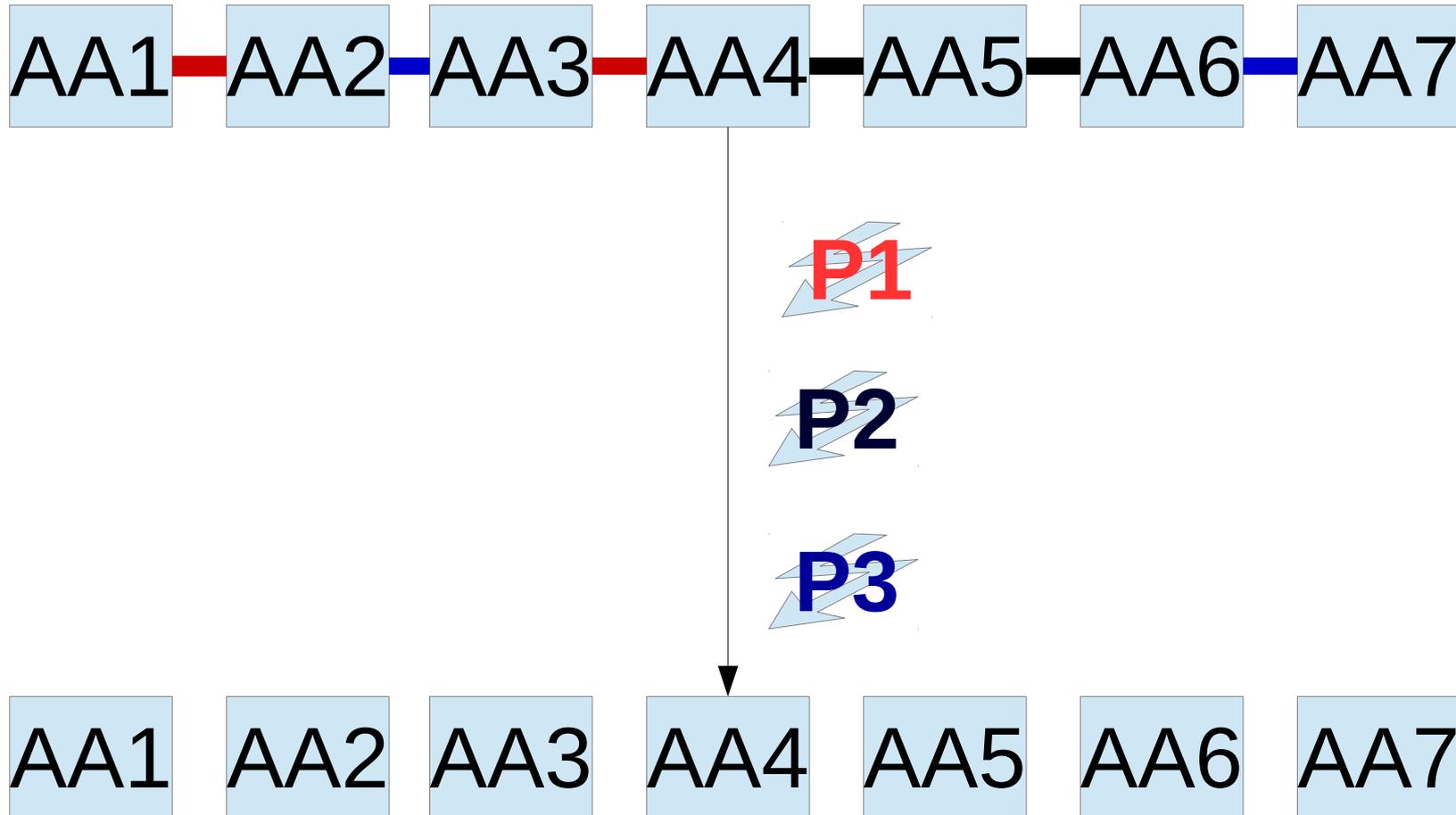
# Life cycle of Amino acid in Humans

SMPatel

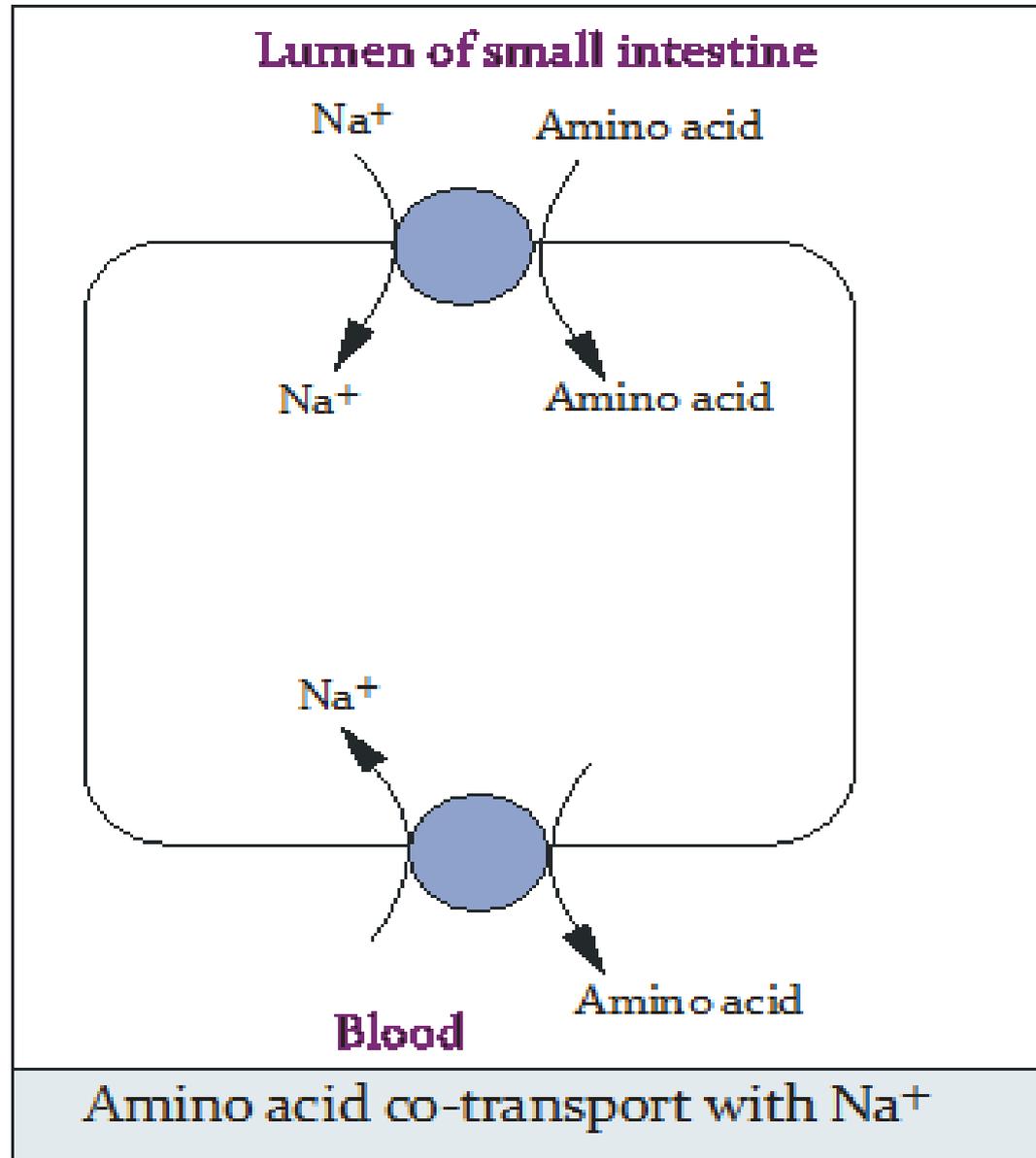
# Amino acid - Food Sources

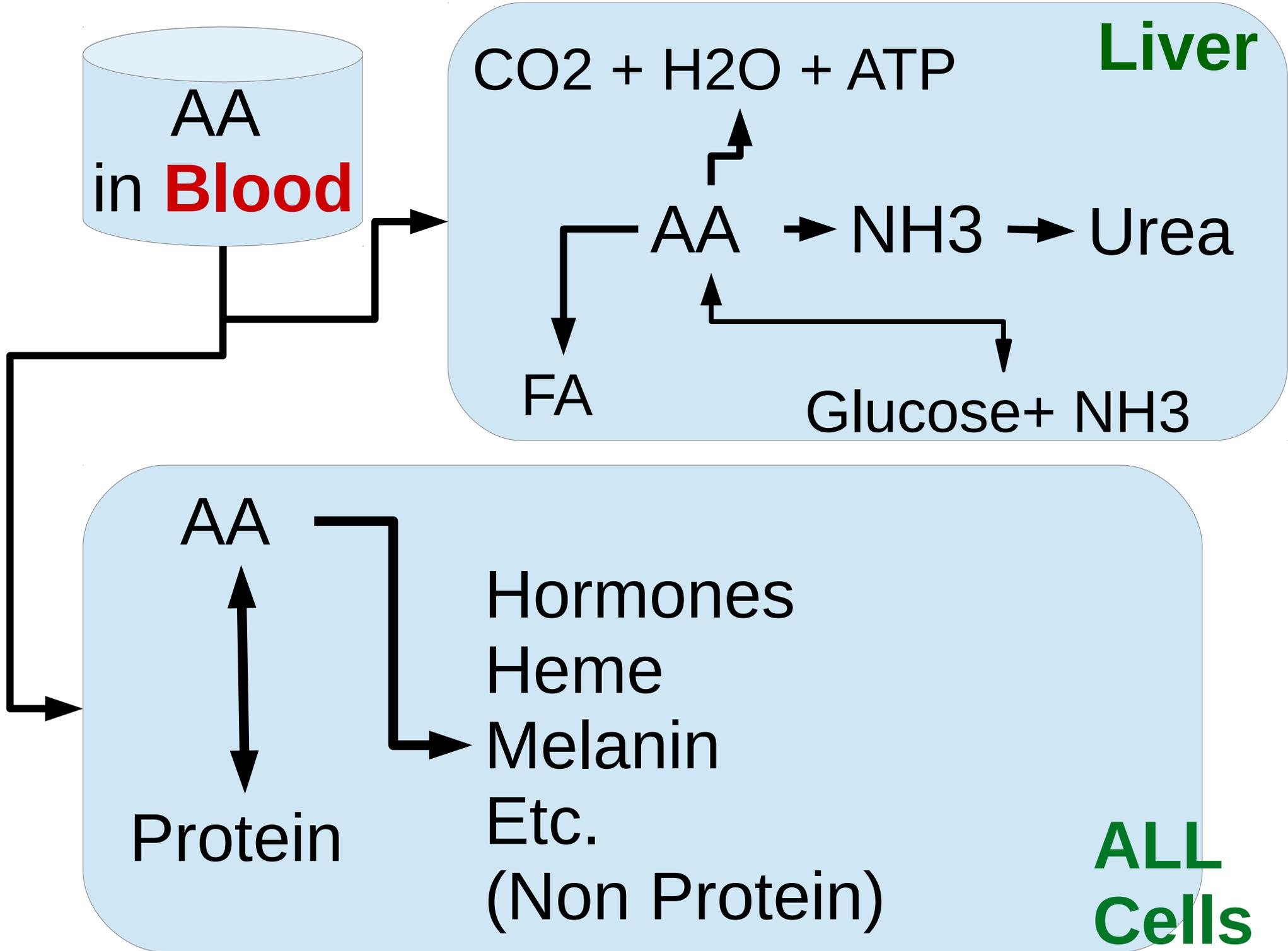


# Digestion – Proteases



# Absorption, Carrier Proteins





Liver

ALL Cells

AA  
in Blood

CO<sub>2</sub> + H<sub>2</sub>O + ATP

AA → NH<sub>3</sub> → Urea  
FA  
Glucose + NH<sub>3</sub>

AA  
Protein  
Hormones  
Heme  
Melanin  
Etc.  
(Non Protein)