

PROTEIN

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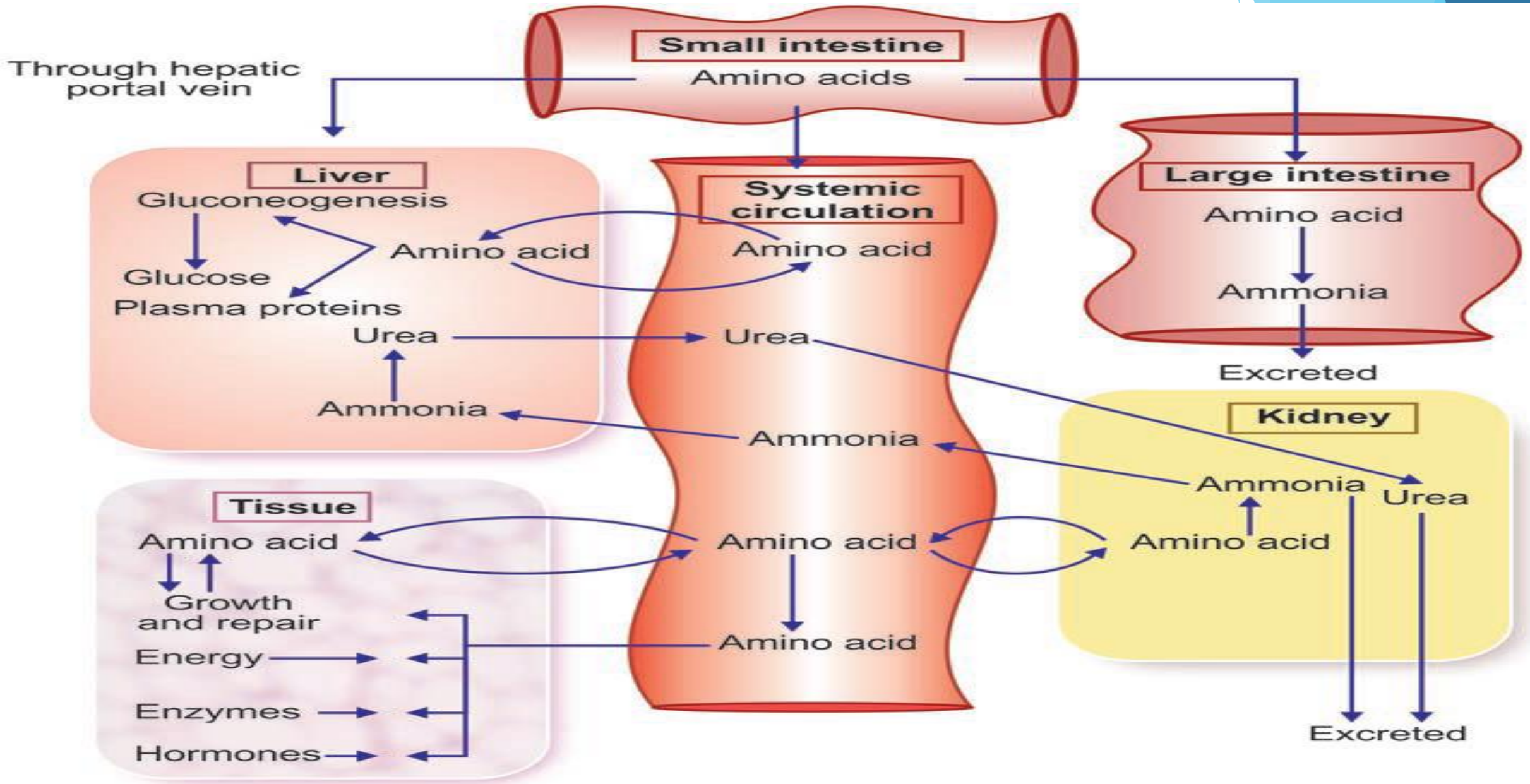
PROTEIN

- high protein content are **meat, fish, egg and milk.**
- also available in **wheat, soybeans, oats** and various types of **pulses.**
- Proteins present in common food stuffs are:
 1. *Wheat*: Glutenin and gliadin, which constitute gluten
 2. *Milk*: **Casein**, lactalbumin, albumin and myosin
 3. *Egg*: Albumin and vitellin
 4. *Meat*: Collagen, albumin and myosin.

DIGESTION OF PROTEINS

Area	Juice	Enzyme	Substrate	End product
Mouth	Saliva	No proteolytic enzyme	-	-
Stomach	Gastric juice	Pepsin	Proteins	Proteoses, peptones, large polypeptides
Small intestine	Pancreatic juice	Trypsin	Proteoses	Dipeptides
		Chymotrypsin	Peptones	Tripeptides Polypeptides
		Carboxypeptidases A and B	Dipeptides Tripeptides Polypeptides	Amino acids
	Succus entericus	Dipeptides Tripeptides Amino peptides	Dipeptides Tripeptides Large Polypeptides	Amino acids

METABOLISM OF PROTEINS



THANK YOU