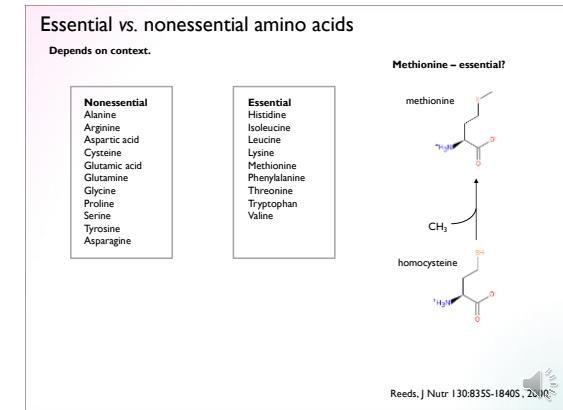
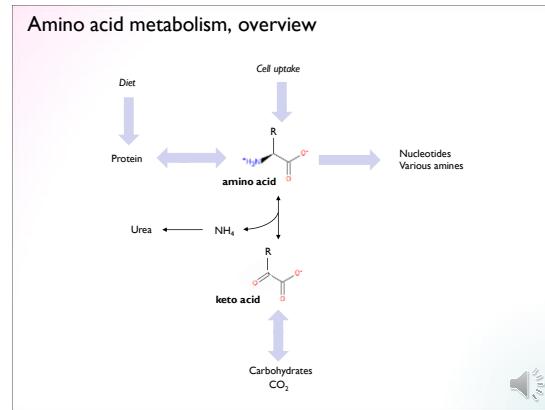


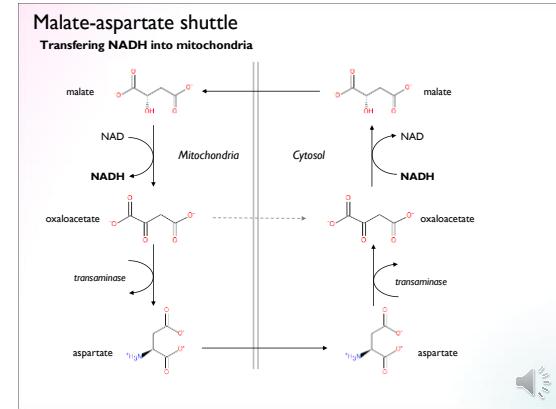
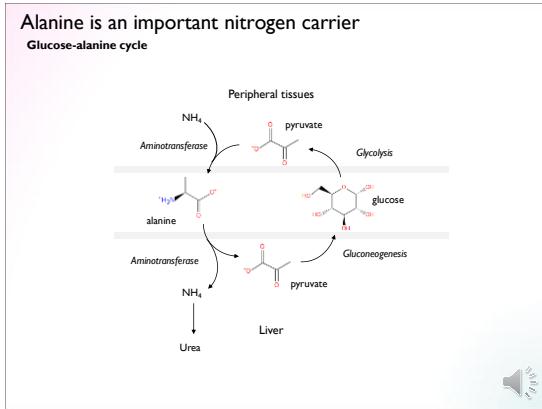
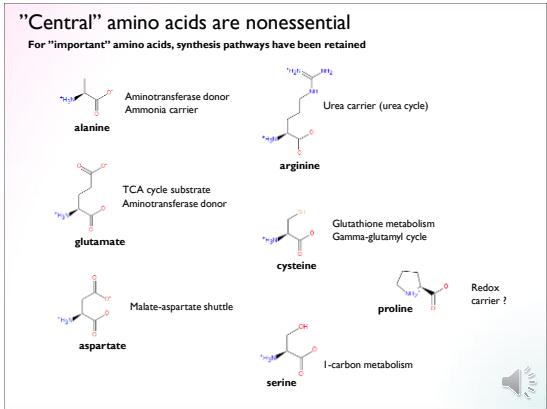
Course 285I Principles of Metabolism
Metabolism and endocrinology programme, Karolinska Institutet

Lecture 12
Amino acids and nutrient starvation

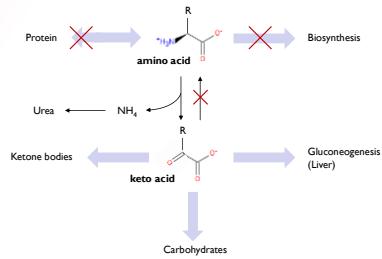
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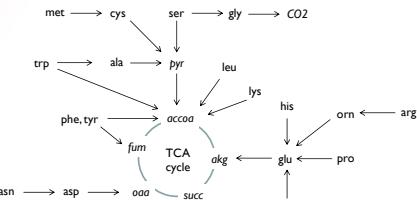


Amino acids during nutrient starvation



Catabolism pathways, overview

All amino acids can be catabolized to CO_2 and NH_4^+ .



Keto acids of amino acids

Often helps "locate" an amino acid in metabolism

Examples:

