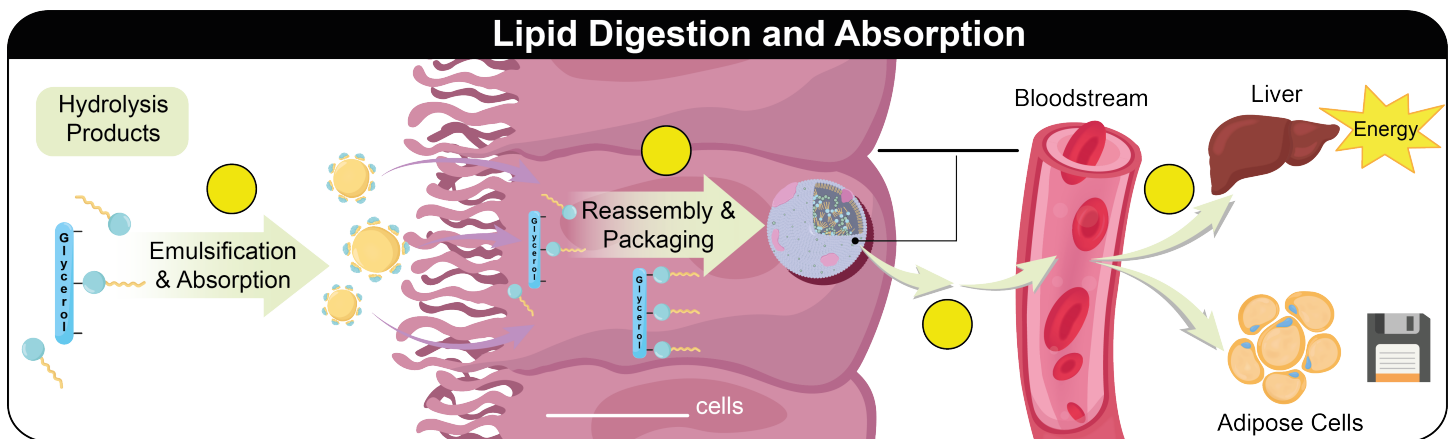


CONCEPT: DIGESTION OF LIPIDS

- Unlike carbohydrates, TAGs are not _____ absorbed into the blood following hydrolysis.
- D** TAG hydrolysis products are emulsified and then absorbed into the intestinal cells.
- E** Reassembled into _____ and packaged as chylomicrons.
- F** Chylomicrons move out of the intestinal cells and eventually enter the bloodstream.
- G** Transported to cells for either energy production or _____.



EXAMPLE: Which of the following is incorrect about lipid digestion and absorption?

- a) TAG hydrolysis products are emulsified by bile acids and absorbed into intestinal cells.
- b) Monoacylglycerols and fatty acids are reassembled into TAGs inside the intestinal cells.
- c) TAGs inside the intestinal cells are packaged into chylomicrons and then transported outside.
- d) Inside the small intestine, emulsified TAGs are absorbed directly into the blood.

PRACTICE: Which of the following outlines the overall process of digestion?

- a) Chewing & churning, emulsification, hydrolysis, reassembly & packaging, emulsification & absorption, transport.
- b) Chewing & churning, emulsification, hydrolysis, emulsification & absorption, reassembly & packaging, transport.
- c) Chewing & churning, hydrolysis, emulsification & absorption, reassembly & packaging, transport.
- d) Chewing & churning, emulsification, hydrolysis, absorption, reassembly & packaging, transport.