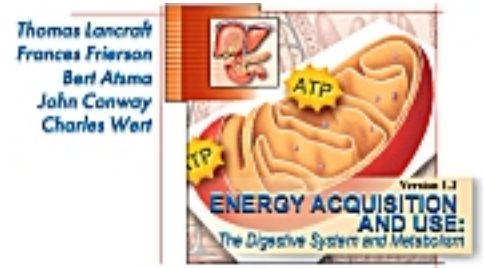


Lipid Digestion & Absorption

Directions:

- a. Click the "Contents" button,
- b. Open the *Digestive System* File,
- c. Click *Animations*,
- d. Click *Lipid Digestion & Absorption*,

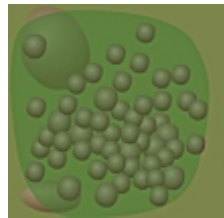


Lipid Digestion

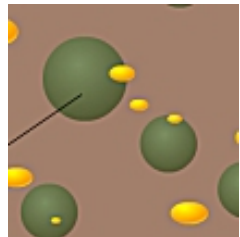
- 1. Where does lipid digestion take place? _____
- 2. Define *lipases*. _____
- 3. Explain the function of lingual and gastric lipases. _____



- 4. Triglycerides interact with bile salts and pancreatic juice in the duodenum. Describe the effect these secretions have on the triglyceride droplets. (Be sure you define *emulsification*.)



- 5. a. Describe how triglycerides are affected by *pancreatic lipase*. _____

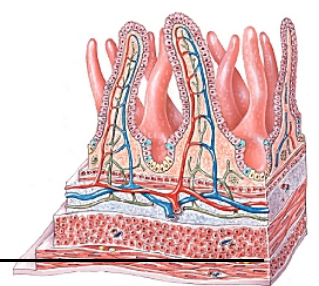


- b. Identify the end products of triglyceride digestion. _____

Lipid Absorption

- 6. a. Identify the need for *bile salts*. _____

- b. What is the function of *micelles*? _____



7. a. What are *chylomicrons* and how are they released from the cell? _____

b. Explain how chylomicrons enter the bloodstream. _____

c. What happens to chylomicrons once they enter the bloodstream? _____
