

Lipid Transport

I. Background

- A. Uses
- B. Triacylglycerides
 - 1. storage

II. Digestion

- A. bile salts
 - 1. micelles
- B. pancreatic lipases
- C. Steatorrhea

III. Transport of lipids through blood / body

A. Background

- a. lipoproteins
 - 1. components
 - a. inner core
 - b. surface
 - 1) apolipoproteins = apoproteins
 - 2. differentiation

B. Chylomicrons

- 1. structure / contents
 - a. apo-B-48
- 2. Source / function
- 3. removal

C. VLDL

- 1. structure / contents
 - a. apoB-100
- 2. source / function
 - 1) lipoprotein lipase
- 3. removal

D. IDL

- 1. structure / contents
- 2. source / function
- 3. removal

E. LDL

- 1. structure / contents
- 2. source / function
- 3. removal
- 4. additional items
 - a. hypercholesterolemia

F. HDL

- 1. structure / contents
 - a. proteins
 - 1) apoA
 - 2) LCAT
- 2. source / function
- 3. removal