



WASHINGTON STATE UNIVERSITY

**Elson S. Floyd
College of Medicine**

NEED TO KNOW

LIPIDS 1

Describe how triacylglycerols and cholesteryl esters are synthesized in enterocytes.

- Chylomicrons
- Absorption and re-synthesis of lipids
- acyltransferases
- acyl CoA:cholesterol acyltransferase

Describe how tissues utilize dietary lipids.

- Lipoprotein lipase
- Apolipoprotein B-48



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Describe how dietary lipids are processed and absorbed.

- Emulsification
- Cholecystokinin (CCK)
- Secretin
- Orlistat
- Mixed micelles
- Lingual lipase
- Gastric lipase
- Pancreatic lipase
- Colipase
- Phospholipase A₂
- Cystic Fibrosis
- Steatorrhea
- Bile Salts

Disease states.

- Type I hyperlipoproteinemia
- Type III hyperlipoproteinemia
- Cystic fibrosis (as related to lipid metabolism)