**25. Lipid Metabolism**

**25.1 Digestion and Absorption of Lipids.**

**25.2 Triacylglycerol Storage and Mobilization.**

**25.3 Glycerol Metabolism.**

**25.4 Oxidation of Fatty Acids.**

**25.5 ATP Production from Fatty Acid Oxidation.**

**25.6 Ketone Bodies.**

**25.7 Biosynthesis of Fatty Acids: Lipogenesis.**

**25.8 Relationships Between Lipogenesis and Citric Acid Cycle Intermediates.**

**25.9 Biosynthesis of Cholesterol.**

**CHEMISTRY AT A GLANCE:** **Interrelationships Between Carbohydrate and Lipid Metabolism.**

**25.10 Relationships Between Lipid and Carbohydrate Metabolism.**

**CHEMICAL CONNECTIONS:** **High-Intensity Versus Low-Intensity Workouts; Statins: Drugs That Lower Plasma Levels of Cholesterol**