

## Cellular Biology

### 10. Membrane Structure

- The Lipid Bilayer
- Phosphoglycerides, Sphingolipids, Sterols
- The Fluidity of a Lipid Bilayer
- Domains of Different Composition
- Lipid droplets
- Bilayer asymmetry
- Glycolipids

### 11. Transport Across Membrane

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### 12. Intracellular Transport

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### 13. Vesicular Trafficking, Secretion, & Endocytosis

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### 14. Energy Conversion: Mitochondria and Chloroplasts

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### 15. Cellular Communication

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### 16. The Cytoskeleton

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### 17. The Cell Cycle

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### 18. Apoptosis

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### 19. Cell Interactions

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### 20. Cancer

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## **22. Stem Cells and Tissue Renewal**

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## **24. The Innate and Adaptive Immune System**

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## Chapter 10: The Cell Membrane

1. The Lipid Bilayer
2. Phosphoglycerides, Sphingolipids, Sterols
3. The Fluidity of a Lipid Bilayer
4. Domains of Different Composition
5. Lipid droplets
6. Bilayer asymmetry
7. Glycolipids

### The Lipid Bilayer

### Phosphoglycerides, Sphingolipids, Sterols

### The Fluidity of a Lipid Bilayer

### Domains of Different Composition

### Lipid droplets

### Bilayer asymmetry

### Glycolipids