Chapter 7 – Carbohydrates and Glycobiology

7.1 Monosaccharides and Disaccharides

The following sub-sections are important:

* The Introduction
* The Two Families of Monosaccharides are Aldoses and Ketoses
* Monosaccharides have Asymmetric Centers
* The Common Monosaccharides Have Cyclic Structures
* Monosaccharides are Reducing Agents
* Disaccharides Contain Glycosidic Bonds

7.2 Polysaccharides

The following sub-sections are important:

* The Introduction
* Some homopolysaccharides Are Fuel Storage Forms of Fuel
* Some Homopolysaccharides Serve Structural Roles

7.3 Glycoconjugates: Proteoglycans, Glycoproteins, and Glycosphingolipids

The following sub-sections are important:

* The Introduction
* Glycoproteins Have Covalently Attached Oligosaccharides