CHAPTER 3

Implants to Facilitate Tissue/Organ Regeneration

- 3.1 The Problem of the Missing Organ; Solutions
- 3.1 Regeneration versus Repair

3.2 Matrices for Tissue Regeneration

- 3.2.1 Chemistry
 - 3.2.1.1 Synthetic Polymers
 - 3.2.1.2 Analogs of Extracellular Matrix: Collagen-GAG Copolymers
- 3.2.2 Pore Characteristics
- 3.2.3 Degradation Rate