

Chapter 28 – Regulation of Gene Expression

28.1 Principles of Gene Expression

The following sub-sections are important:

- The Introduction
- RNA Polymerase Binds to DNA at Promoters
- Transcription is Regulated by Proteins and RNAs
- Many Bacterial Genes are Clustered and Regulated by Operons
- Regulatory Protein Have Discrete DNA-Binding Domains

28.2 Regulation of Gene Expression in Bacteria

The following sub-sections are important:

- The Introduction
- The lac Operon Undergoes Positive Regulation
- Many Genes of Amino Acid Biosynthesis Enzymes are Regulated by Transcription Attenuation