**Plant and Animal Structure and Function**

Chapter 36 – Plant Form and Function (36.4)

Chapter 39 – Plant Responses to Internal and External signals (39.1 and 39.3 plus pg 831 – Gibberellins and Germination, pg 832– Ethylene and fruit ripening)

Chapter 40 – Basic Principle/Homeostasis 40.2, 40.3

Chapter 43 – Immune System

Chapter 44 – Hormonal circuits (like kidney function) (44.5)

Chapter 45 – Hormones and the Endocrine System

Chapter 47 – Morphogenesis (pg. 1021) 47.2, 47.3

Chapter 48 – Neurons, Synapses and Signaling

Chapter 49 – Biological Clock regulation pg. 1072-73 and Figure 49.12