* **Organization of the Autonomic Nervous System-II**

**Objectives**

* Discuss autonomic receptor
* Know functional organization of ANS
* Describe receptors in correlations with their neurotransmitter and function
* **Autonomic receptors**
* Adrenergic receptors
* **α –adrenergic receptors**
* **Differences between α1 and α2**
* **α1 and α2**
* β-receptors
* **β-receptor**
* **Effects of β-receptor**
* **Cholinergic / parasympathetic receptors**
* **Muscarinic receptor**
* summary
* **References**
* Lippincott’s Illustrated review of pharmacology – 4th edition
* Basic & clinical pharmacology, Bertram G katzung-12th edition
* Goodman & Gilman’s –pharmacology
* Internet resource