

- **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 α_1 and α_2**

- **$\alpha 1$ and $\alpha 2$**
- **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