**prodrug**

**Physicochemical Properties of Drugs**

Biopharmaceutical **Properties**

**Pharmacokinetics**

**classification of prodrugs**

Utility of Prodrugs

**Steps in Prodrug Design**

Carrier Linkages for Various Functional Groups

Prodrug approaches for enhancing administration, permeability or absorption

Tripartate prodrugs

Prodrug approaches for the CNS delivery

Prodrugs for Slow and Prolonged Release

Mutual Prodrugs

**prodrugs to improve targetability and efficacy of chemotherapeutic agents**

Enzyme-Prodrug Therapies

Macromolecular Drug Delivery