

Ankara University  
Library and Documentation Center

Open Courseware

Working Plan

<b>Weeks</b>	<b>Topics</b>
<b>1.Week</b>	Pharmaceutical chemistry content & purpose
<b>2.Week</b>	Drug discovery and development
<b>3.Week</b>	Pharmacokinetic properties of drugs (Absorption, solubility, pK, Ionization)
<b>4.Week</b>	Concepts of isosterism, bioisosterism, target, ligand, receptor, and transport systems
<b>5.Week</b>	Chemical bonds and drug-target interactions
<b>6.Week</b>	Stereochemistry-Biological Activity
<b>7.Week</b>	Midterm
<b>8.Week</b>	Computer-Aided Drug Design
<b>9.Week</b>	Quantitative Structure-Activity Relationships and Molecular Modeling Methods
<b>10.Week</b>	Metabolism and prodrug
<b>11.Week</b>	Drug names and nomenclature rules
<b>12.Week</b>	Antihistaminic compounds
<b>13.Week</b>	Non-Steroidal Anti-Inflammatory Drugs
<b>14.Week</b>	Non-Steroidal Anti-Inflammatory Drugs