

MBOC 5th edition  
Chapter 3 – Proteins

<u>Pages</u>	<u>Sections</u>
125-139	<hr/> <p>Introduction</p> <p>The shape of a protein is specified by its amino acid sequence</p> <p>Proteins fold into a conformation of lowest energy</p> <p>The <math>\alpha</math> helix and <math>\beta</math> sheet are common folding patterns</p> <p>Protein Domains are Modular Units from which Larger Proteins are Built</p> <p>Proteins can be classified into many families</p> <p>Sequence searches can identify close relatives</p>
152-159	<p>Protein function</p> <p>All proteins bind to other molecules</p> <p>The surface conformation of a protein determines its chemistry</p> <p>Proteins bind to other proteins through several types of interfaces</p> <p>Enzymes are powerful and highly specific catalysts</p>