Contents

1	An introduction to biochemistry and cell biology	1
2	Biochemical investigations in clinical medicine	
3	Water, sodium and potassium	
4	Hydrogen ion homoeostasis and blood gases	
5	The kidneys	
6	The liver	
7	The gastrointestinal tract	
8	Clinical nutrition	
9	The hypothalamus and the pituitary gland	
10	The adrenal glands.	
11	The thyroid gland	186
12	The gonads	
13	Disorders of carbohydrate metabolism	
14	Calcium, phosphate and magnesium.	
15	Bones and joints	
16	Plasma proteins and enzymes	
17	Lipids, lipoproteins and cardiovascular disease	
18	Muscles, nerves and psychiatric disorders	
19	Inherited metabolic diseases	
20	Metabolic aspects of malignant disease	
21	Biochemical aspects of therapeutic drug monitoring and toxicology	
22	Clinical chemistry in children	
Apı	pendix	
Adult reference ranges		364
Inde	ex	366

Access the complete enhanced eBook, including assessments and clinical cases, see inside front cover for details