

Χαρακτηριστικά:

- Highly relevant to clinical practice – extensive use of clinical case studies, with red flags for results of immediate concern
- Covers the basic science of biochemistry while avoiding unnecessary detail
- Suitable for medical students as well as students and practitioners of clinical and biomedical science - ideal for integrated and problem-based curricula
- Clear and engaging writing style make understanding and learning easy
- Highly illustrated throughout – illustrations, charts and flow diagrams make challenging concepts memorable
- Complementary enhanced eBook including additional cases and self-assessment material

Περιεχόμενα:

- 1 An introduction to biochemistry and cell biology
- 2 Biochemical investigations in clinical medicine
- 3 Water, sodium and potassium
- 4 Hydrogen ion homeostasis 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
- 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