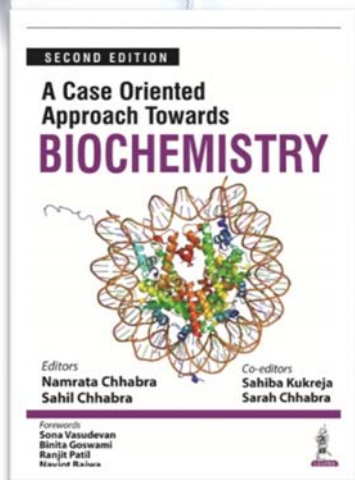




NEW RELEASE



A Case Oriented Approach Towards Biochemistry

Author: Namrata Chhabra & Sahil Chhabra

Two Color | Paper Back | 2/e, 2021 | 660 Pages | 8.5" x 11"

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KEY FEATURES

- 300 case studies.
- Based on new CBME curriculum allowing horizontal, spiral, vertical and nested integration.
- Full coverage of all chapters of biochemistry with complete clinical correlations.
- Illustrations of clinical cases in sections, namely history, physical examination, laboratory work-up and questions related to the diagnosis of the case. This will help sharpen the clinical skills.
- Each case study ends-up in a clinical note and a short summary, titled as Clinical Pearls.
- Many alternative unsolved case studies (72) have been provided at the end of the book.
- Detailed description of molecular and biochemical techniques, including electrophoresis; chromatography; western blotting; southern blotting; polymerase chain reaction; enzyme-linked immunosorbent assay (ELISA); colorimetry, and newborn screening.
- Case-based multiple-choice questions for self-assessment (with answers).
- Quick revisions (summary charts): Acid-base imbalance; disorders of amino acid metabolism; disorders of carbohydrate metabolism; regulatory mechanisms of carbohydrate metabolism; disorders of lipid metabolism; regulatory mechanisms of lipid metabolism; electrolyte imbalance; clinical implications of vitamin deficiencies, and clinically important hemoglobinopathies.
- Nine new case studies including-clinical role of ribonucleotide reductase, tumor markers, enzyme action and inhibition, functions and significance of zinc and selenium, and heavy metal toxicity.
- Pictures (37 new pictures), tables and flowcharts for meaningful explanations of content details.

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