

Practical Manual of Biochemistry

Second Edition

The text of the book is organized under four sections comprising 19 chapters. It covers all core competencies according to the latest CBME Guidelines | Competency based Undergraduate Curriculum for the Indian Medical Graduate. This edition features a new chapter on DNA extraction and its applications.

Salient features of the book

- Covers the entire syllabus of medical biochemistry
- Organisation of the text is based on core competencies prescribed by MCI
- Includes flowcharts and diagrams for easy understanding
- Colour pictures are given for clear visualization and understanding
- Formation of working reagents has also been described in each chapter along with the experiments
- Includes *viva voce* questions and information on biomedical waste segregation and disposal

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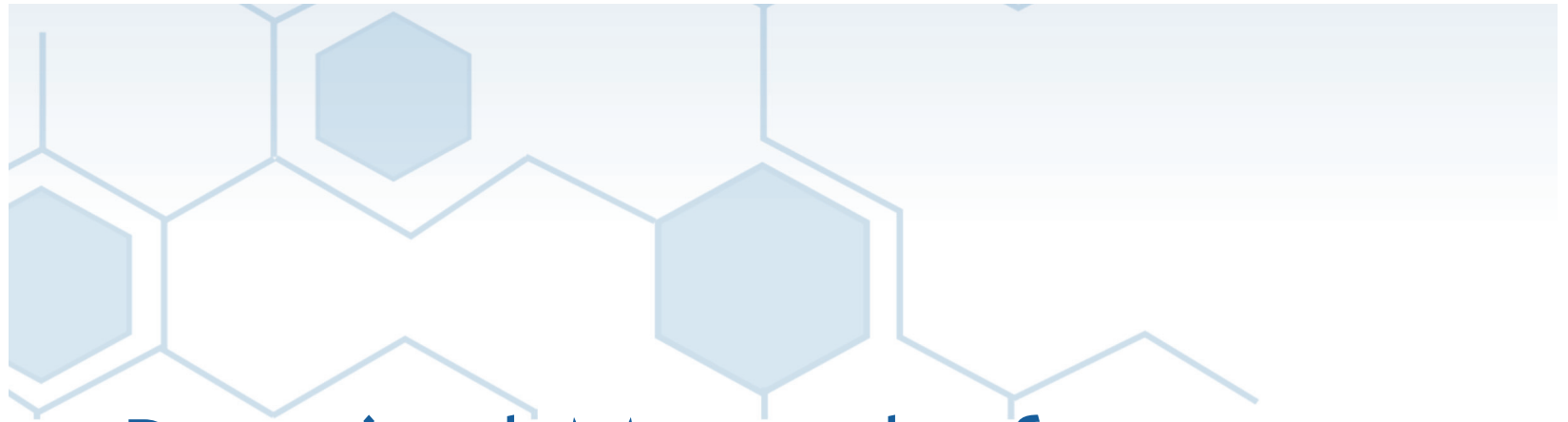
Compiled and designed as per
CBME Guidelines | Competency Based
Undergraduate Curriculum for the Indian Medical Graduate
Also useful for students of allied health sciences

GG Kaushik
Neha Sharma
Sabira Dabeer
Ruchi Jindal



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Practical Manual of **Biochemistry**

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Preface to the Second Edition

We are happy to present the second edition of this book. In this edition we have added one new chapter of DNA extraction. The author of this chapter is Dr Dharamveer Yadav. The zeal to share our knowledge and experience has driven us to write this book. It has been written in a simple language for easy understanding of basic concepts of practical biochemistry. The book caters the need of all the health professionals. We hope students and teachers will find this book useful.

Salient features of the book

- It covers the entire syllabus of medical biochemistry, core competency based.
- Includes flowcharts and diagrams for easy understanding.
- Presence of colour pictures for clear visualization and understanding.
- Formation of working reagents has also been described in each chapter along with experiments.
- DNA extraction

This is our second edition and in spite of all precautions inadvertent mistakes are likely to happen. We would appreciate if the same is brought to our notice, so we can improve ourselves in the next edition. We hope this book will be helpful to the students.

GG Kaushik
Neha Sharma
Sabira Dabeer
Ruchi Jindal



Acknowledgments

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Our special thanks to Dr Ankita Sharma, Assistant Professor and the entire Department of Biochemistry of JLN Medical College, Ajmer, Rajasthan. We are thankful to our reviewers and special thanks to Dr Dharmveer Yadav, Associate Professor, Department of Biochemistry, AIIMS, Jodhpur, for their valuable suggestions and addition of a new chapter “DNA Extraction and its Applications: An Overview.”

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We would also like to acknowledge the support of technical staff and postgraduate students for their help. We wish them good luck in their future endeavour.

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GG Kaushik
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