

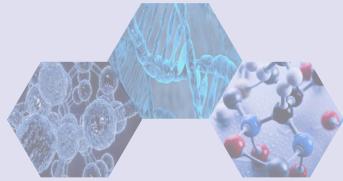
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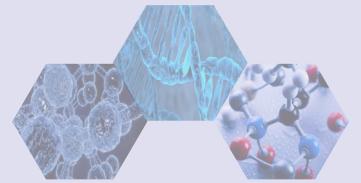
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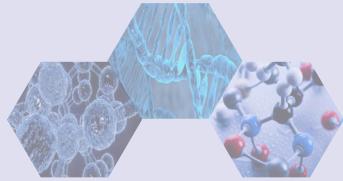
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# KEY CONTENTS

## BIOCHEMICAL BASIS OF DISEASES

As per the recommendation of Medical Council of India, "The knowledge acquired in biochemistry should help the students to integrate molecular events with structure and function of the human body in health and disease<sup>1</sup>." So, I have given the biochemical basis of many common as well as uncommon diseases inside the book. Here is an alphabetical list. The page numbers on which you can find them in the book are as follows:

- Abetalipoproteinemia 287
- Achondroplasia 425
- Acrodermatitis enteropathica 541
- Acute intermittent porphyria 224
- Adenosine deaminase deficiency 323
- Albinism 200
- Albright's hereditary osteodystrophy 483
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- Alzheimer's disease 440
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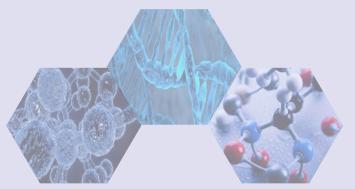
- Kashin–Beck disease 542
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- Xeroderma pigmentosum 395
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## Key Contents

### MECHANISM OF ACTION OF DRUGS, POISONS AND TOXIN

As per the MCI recommendation "The broad goal of the teaching of undergraduate students in biochemistry is to make them understand the scientific basis of the life processes at the molecular level and to orient them toward the application of the knowledge acquired in solving clinical problems<sup>2</sup>".

- α-amanitin 419
- 2,4 dinitrophenol 82
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- Yeast-hybrid systems 469



## DID YOU KNOW?

In this book, I have explained many important and interesting concepts. Here is a selected list of few.

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- Advanced glycation end products [172](#)
- Aptamers [362](#)
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- Beneficial mutations [426](#)
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## REFERENCES

1. Medical Council of India, Regulations on Graduate Medical Education, 1997 (Amended up to May, 2018), 2018, pg 38.
2. Medical Council of India, Regulations on Graduate Medical Education, 1997 (Amended up to May, 2018), 2018, pg 36.