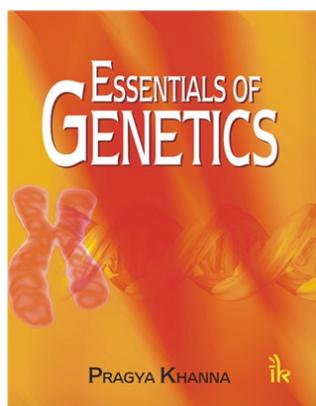


Essentials of Genetics, 1/e

Pragya Khanna



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About the Book

The book covers both the classical and molecular fields of Genetics to enable the students to form an integrated overview of the genetic principles.

During the past couple of decades the science of Genetics has grown at an unprecedented pace and the purpose of this book is to provide up-to-date basic information on the subject that emphasizes the multifaceted complex questions of life. The chapters are descriptive, explicit and provided with relevant material that is organized in a way so as to provide logical and consistent transition of classical genetics into modern genetics.

It discusses all the aspects of current research in Genetics, Developmental Biology and Genomics. The explanations are clear, lucid and straightforward, with diagrams and plenty of illustrative examples. A pleasant touch is the appearance of a scientoons relating to the text at the end of each chapter.

Salient Features

Salient Features:

- ▶ The book covers both the classical as well as the modern molecular genetics in a logical manner.
- ▶ Profusely illustrated with innumerable labelled diagrams, and examples from the real world. Cartoons have also been included to make the reading interesting.
- ▶ Has a separate chapter on human genetics, discussing the topic in a 360-degree manner.
- ▶ Each chapter contains exercises at the end which includes, long answer type, short answer type, and objective type questions.
- ▶ A detailed glossary is provided at the end of the book.

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About the Author

Pragya Khanna :- Pragya Khanna is Senior Lecturer in the Department of Zoology, Govt. Degree College, Jammu and Kashmir. She worked on the cytology and genetic makeup of chironomids for her Ph.D. and several research papers and over thirty popular articles to her credit. She reported 14 new species of chironomids from Jammu & Kashmir, out of which 6 from the first time reports from India. She has been awarded by different scientific societies in India for her research work including the prestigious 'Swaran Jayanti Pursakar' by the National Academy of Sciences, Allahabad. She has attended a number of conferences and seminars in different parts of India and has chaired sessions. She is a member of over a dozen scientific bodies and is in the editorial boards of different journals/magazines. Currently, she is working on the editorial boards of different journals/magazines.