

Preface

This book has been an outcome of determined endeavour from a group of educationists in the field. The primary objective was to involve a broad spectrum of professionals from diverse cultural background involved in the field for developing new researches. The book not only targets students but also scholars pursuing higher research for further enhancement of the theoretical and practical applications of the subject.

Molecular genetics deals with the study of structure of genes on a molecular level. This book provides comprehensive insights into interaction and biosynthesis of proteins, structure of RNA and DNA, polymerase chain reaction, cloning, proteinase activities, and risk factors of hyper-dyslipidemia, etc. The topics included in this book provide a significant overview of the various genetic structures and gene transfer mechanisms. Coherent flow of topics, student-friendly language and extensive use of examples make this book an invaluable source of knowledge for students and academicians alike.

It was an honour to edit such a profound book and also a challenging task to compile and examine all the relevant data for accuracy and originality. I wish to acknowledge the efforts of the contributors for submitting such brilliant and diverse chapters in the field and for endlessly working for the completion of the book. Last, but not the least; I thank my family for being a constant source of support in all my research endeavours.

Editor