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**Rosina Ehmann**



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**Encyclopaedia of Molecular Biotechnology** D. N. Lazarosilva, Volker F. Wendisch, Vitali Alexeev, Tanya Chauhan, 2016-04 *Molecular Biology* David P. Clark, Lonnie Dee Russell, 1997 Uses wit humour and a lively writing style to introduce the subject to anyone interested in the nitty gritty of the genetic revolution

**MOLECULAR BIOTECHNOLOGY, PRINCIPLES AND APPLICATIONS OF RECOMBINANT DNA** Bernadette Harris, 2018 **ASM News** American Society for Microbiology, 1998 [Outlines and Highlights for Molecular Biotechnology](#) Cram101 Textbook Reviews, 2010-01 Never HIGHLIGHT a Book Again Virtually all of the testable terms concepts persons places and events from the textbook are included Cram101 Just the FACTS101 studyguides give all of the outlines highlights notes and quizzes for your textbook with optional online comprehensive practice tests Only Cram101 is Textbook Specific Accompanys 9781555812249

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Technology Antisense technology DNA sequencing Protein Engineering Transgenic technology and development of vaccines It features summary of chapter in the form of flow charts highlighting the key points The book also includes an appendix which provides in depth descriptions of protocols which cover the basic aspects of Molecular biology and glossary defining nearly all the possible terms mentioned in the book The purpose of this book is to provide an insight on theoretical aspects of Recombinant DNA manipulation with special emphasis on different procedures to create chimeric molecules using examples from actual experimental works The book has been designed for under graduates post graduates and technicians who wish to know and use the principles and techniques of Recombinant DNA Technology *Recombinant DNA Technology* Keya Chaudhuri, 2013-01-01 Recombinant DNA Technology is focussed on the current state of knowledge on the recombinant DNA technology and its applications The book will provide comprehensive knowledge on the principles and concepts of recombinant DNA technology or genetic engineering protein expression of cloned genes PCR amplification of DNA RFLP AFLP and DNA fingerprinting and finally the most recent siRNA technology It can be used by post graduate students studying and teachers teaching in the area of Molecular Biology Biotechnology Genetics Microbiology Life Science Pharmacy Agriculture and Basic Medical Sciences **Molecular Biotechnology** MUKESH PASUPULETI, 2019-06-10 PART I MOLECULAR BIOLOGY An Introduction to Molecular Biotechnology Genetic Material DNA Replication and Repair Gene Concept Transcription or Gene Expression Translation PART II GENETICS Regulation of Gene Expression Mendel's Laws Gene Interaction Linkage and Crossing Over Mutations Bacterial Recombination Transposons Chloroplast and Mitochondrial Genome Organization PART III GENETIC ENGINEERING Gene Cloning Enzymes Used in Genetic Engineering Bacterial Vectors Blotting Techniques Generation of Clones DNA Libraries Polymerase Chain Reaction DNA Synthesis by Chemical Method Restriction Fragment Length Polymorphism Gene Transfer Methods Application of Recombinant Technology

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