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By Michael R. Green, Howard Hughes Medical Institute, University of Massachusetts Medical School and Joseph Sambrook, Peter MacCallum Cancer Institute, Melbourne, Australia

Molecular Cloning: A Laboratory Manual has always been the one indispensable molecular biology laboratory manual for protocols and techniques. The fourth edition of this classic manual preserves the detail and clarity of previous editions as well as the theoretical and historical underpinnings of the techniques presented. Ten original core chapters reflect developments and innovation in standard techniques and introduce new cutting-edge protocols. Twelve entirely new chapters are devoted to the most exciting current research strategies, including epigenetic analysis, RNA interference, genome sequencing, and bioinformatics. This manual is essential for both the inexperienced and the advanced user.

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- Gateway Recombinational Cloning
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- 7. Polymerase Chain Reaction
- 8. Bioinformatics

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Part 2 Analysis and Manipulation of DNA and RNA

- Quantification of DNA and RNA by Real-Time Polymerase Chain Reaction
- Nucleic Acid Platform Technologies
- 11. DNA Sequencing
- Analysis of DNA Methylation in Mammalian Cells
- Preparation of Labeled DNA, RNA, and Oligonucleotide Probes
- 14. Methods for In Vitro Mutagenesis

Part 3 Introducing Genes into Cells

- Introducing Genes into Cultured Mammalian Cells
- Introducing Genes into Mammalian Cells: Viral Vectors

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Part 4 Gene Expression

- Analysis of Gene Regulation Using Reporter Systems
- RNA Interference and Small RNA Analysis
- Expressing Cloned Genes for Protein Production, Purification, and Analysis

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- Cross-Linking Technologies for Analysis of Chromatin Structure and Function
- Mapping of In Vivo RNA-Binding Sites by UV-Cross-Linking Immunoprecipitation (CLIP)
- Gateway-Compatible Yeast One-Hybrid and Two-Hybrid Assays

Appendices

- 1. Reagents and Buffers
- 2. Commonly Used Techniques
- 3. Detection Systems
- General Safety and Hazardous Material

Index

