The Condensed Protocols From Molecular Cloning: A Laboratory Manual

By Joseph Sambrook, Peter MacCallum Cancer Institute, Melbourne, Australia; David Russell, University of Texas Southwestern Medical Center, Dallas

The Condensed Protocols From Molecular Cloning: A Laboratory Manual is a single-volume adaptation of the three-volume third edition of Molecular Cloning: A Laboratory Manual. This condensed book contains only the step-by-step portions of the protocols, accompanied by selected appendices from the world’s best-selling manual of molecular biology techniques. Each protocol is cross-referenced to the appropriate pages in the original manual. This affordable companion volume, designed for bench use, offers individual investigators the opportunity to have their own personal collection of short protocols and recipes from the essential Molecular Cloning.

2006, 800 pp., illus., appendices, index
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Molecular Cloning: A Laboratory Manual
Third Edition

By Joseph Sambrook, Peter MacCallum Cancer Institute, Melbourne, Australia; David Russell, University of Texas Southwestern Medical Center, Dallas

The first two editions of Molecular Cloning have been mainstays of molecular biology for nearly twenty years, with an unrivalled reputation for reliability, accuracy, and clarity. The new edition is completely updated, every protocol revised and a mass of new material added to broaden its scope and maintain its unbeatable value for studies in genetics, molecular cell biology, developmental biology, microbiology, neuroscience, and immunology.

This new edition, as in earlier editions, explains how to achieve success in cloning and provides a wealth of information about why techniques work, how they were first developed, and how they have evolved. Handsomely redesigned and presented in new bindings of proven durability, this three-volume work is essential for everyone using today's biomolecular techniques.

2001, 2,344 pp., illus., appendices, indexes

Here’s what the reviewers have to say:

“For the student, this text provides a basic starting point for the essential components of molecular cloning and protein analysis in a lucid format, with tried-and-trusted protocols and a wealth of supplemental information. For the more experienced worker, this text continues to provide an invaluable information source…. This book should be the first port of call when establishing a molecular technique new to a laboratory.”

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“Molecular Cloning: A Laboratory Manual has always been the laboratory mainstay for protocols and techniques. It has a pure-bred ancestry, and the new edition does not disappoint. Sambrook and Russell have built upon the basic principles that made the first two editions essential reference resources. The new edition includes information panels at the end of each chapter that describe the principles behind the protocols…. The addition of this information extends Molecular Cloning from an essential laboratory resource into a new realm.”

—Trends in Microbiology

“In every kitchen there is at least one indispensable cookbook. Sambrook and Russell’s Molecular Cloning: A Laboratory Manual fills the same niche in the laboratory. Like its kitchen counterparts (e.g. Rombeck’s Joy of Cooking), Sambrook’s Molecular Cloning (MC) has information to help both the inexperienced and the advanced user. …MC has once again established its primacy as the molecular laboratory manual and is likely to be found on lab benches, and book-marked on web browsers, around the world.”

—Trends in Neurosciences

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