

Second Supplements to the 2nd Edition of Rodd's Chemistry of Carbon Compounds. Volume IV. Heterocyclic Compounds. Parts I and J. Edited by Malcolm Sainsbury (The University of Bath, UK). Elsevier Science B.V., Amsterdam, 2000. xiv + 297 pp. 15 × 22.5 cm. \$183.50. ISBN 0-444-82980-6.

This supplemental volume contains the following chapters: 42 Pyridazines, Cinnolines, Benzocinnolines and Phthalazines; 43 Pyrimidines and Quinazolines; 44 Pyrazines and Related Ring Structures; 45 Phenazine, Oxazine, Thiazine, Sulfur Dyes; 46 Quinazoline Alkaloids; 47 Six-membered Rings with Three or More Hetero Atoms. The chapter on Quinazoline Alkaloids by S. Johnne will be of the most interest to readers of this journal, but there is also information on other natural products (e.g., phenazine antibiotics and cephalostatins) in other chapters.

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Molecular Biology and Biotechnology, 4th Edition. Edited by John M. Walker and Ralph Rapley (University of Hertfordshire, UK). Royal Society of Chemistry, Cambridge, 2000. xxiv + 563 pp. 15.5 × 23 cm. £39.00. ISBN 0-85404-606-2.

This fourth edition of a well-established basic textbook has been expanded by the addition of a new chapter on Bioinformatics. The material on PCR, which was a stand-alone chapter in the previous editions, is now integrated throughout the book, and many of the other chapters have been completely rewritten. The chapter titles are as follows: 1 Fermentation Technology; 2 Molecular Analysis and Amplification Techniques; 3 Recombinant DNA Technology; 4 The Expression of Foreign DNA in Bacteria; 5 Yeast Cloning and Biotechnology; 6 Cloning Genes in Mammalian Cell-lines; 7 Plant Biotechnology; 8 Molecular, Structural, and Chemical Biology in Pharmaceutical Research; 9 Genetically Modified Foods; 10 Molecular Diagnosis of Inherited Disease; 11 DNA in Forensic Science; 12 Vaccination and Gene Manipulation; 13 Transgenesis; 14 Protein Engineering; 15 Bioinformatics; 16 Immobilization of Biocatalysts; 17 Downstream Processing: Protein Extraction and Purification; 18 Monoclonal Antibodies; 19 Biosensors; Subject Index.

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