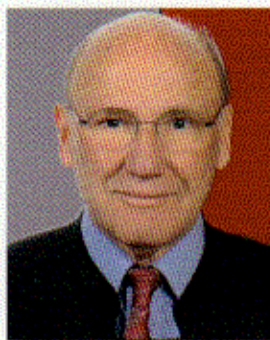


This sequel to the „Pocket Guide to Biotechnology and Genetic Engineering“, now in a large format, is ideal for exam preparations as well as serving as a handy reference for professionals, offering a concise and readily understandable overview of all important topics in modern biotechnology and genetic engineering.

The content has been completely updated and restructured to reflect recent trends and developments and to follow the teaching curricula of most academic courses. New entries include glycobiology, algae, epigenetics, pre- and probiotics as well as C-sources and synthetic biology. The textbook still contains entries on the key topics in fermentation, bioprocess engineering and enzyme technology, along with industrial applications of biotechnology, focusing on the fields of food and medicine. The basic terms of microbiology, biochemistry, genetic engineering and cell biology are explained via the illustrative two-page layout, with one page being a full color plate and the corresponding explanatory text found on the opposite page. The whole is rounded off by a section on agricultural and environmental topics, as well as safety and ethical aspects.

The result is the number-one primer in biotechnology.



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