

Biological Techniques Series

series
editors:

J. E. Treherne and P. H. Rubery

Lack of practical experience often inhibits research workers from applying unfamiliar techniques to their particular problems. *Biological Techniques* is a series of short texts for use at the laboratory bench. They are essentially practical and are intended to bridge the information gap between brief descriptions of polished and often painstakingly optimised methods, found in the limited space of scientific papers, and the more basic needs of the non-specialist research worker. An important aim is to record "oral traditions" of useful tips, snags and pitfalls for the unwary and also, where appropriate, to provide a stimulus to commercial suppliers.

Immunochemical Methods in the Biological Sciences: Enzymes and Proteins

This book offers for the first time a comprehensive analysis of the nature, variety and use of immunochemical techniques in the biological sciences. The work is structured to introduce biological scientists to the theoretical and practical aspects of immunochemical techniques. It also attempts to provide all the information necessary to tackle immunochemically any protein or enzyme problem in biological science; that is within biochemistry, molecular biology, genetics, cell biology, botany, zoology, microbiology, pharmacology and toxicology.

There are two important special features. An appendix details commonly used practical methods and case studies consider membrane antigens and antigens in the nervous system. These studies constitute in-depth analyses of the use of immunochemical techniques in special biological situations.

This work aims to allay the common fears of would-be immunochemists, which often discourage them from pursuing an immunochemical approach to their biological problems, with consequent restriction of development in their particular field. Use of this book will lead biochemists, molecular biologists and geneticists working in industry, government research establishments, universities and polytechnics into more fruitful research. It will also encourage students in many disciplines to see the value of immunochemical techniques.

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