

## LIVROS — BOOK REVIEWS

CALICH, Vera Lúcia Garcia & VAZ, Celidéia A. Coppi — **Imunologia básica**. São Paulo, Artes Médicas, 1988. 376p.

Este livro segue os princípios fundamentais que nortearam a obra "Imunologia" de FERRI, CALICH & VAZ editada primeiramente em 1977. Alguns capítulos aqui apresentados foram, em parte, calcados na obra acima citada sendo, contudo, devidamente atualizados e adequados à nova estrutura proposta. O objetivo principal, entretanto, continua a ser o ensino da Imunologia para estudantes de graduação de modo que o aluno, através deste texto, possa obter as informações que o introduzam de maneira adequada no aprendizado dos fenômenos imunobiológicos.

É um livro texto atualizado de imunologia básica escrito por duas competentes especialistas e por reconhecidos colaboradores convidados. Com primoroso conteúdo e equilíbrio nos temas dos seus vários capítulos, associado a uma redação objetiva de leitura agradável e a uma cuidadosa apresentação gráfica, a obra é lançada em momento oportuno e seu êxito é facilmente previsível.

TSCHESCHE, Harald — **Modern Methods in Protein Chemistry. Volume 3: Review Articles**. Berlin, Walter de Gruyter, 1988. 385p. illus. 24cm. Hardcover, DM 240. — ISBN 3-11-011216 7

The "Modern Methods in protein Chemistry" contains review articles, including relevant literature references and gives an up to date survey on this rapidly developing field of analytical methods on the protein chemistry for isolating, analysing and characterizing different proteins.

This volume includes several articles of protein analysis by immunoassays and western blot techniques that utilize the bioluminescence-enhanced detection system; HPLC techniques for amino-acid analysis and microcalorimetry of protein-ligand interaction and protein unfolding; crystallographic and image reconstruction studies on ribosomes.

A new era in peptide synthesis research was initiated during the last decade, when synthetic peptides became increasingly important experimental tools in molecular biology and immunology. This volume contains an article that describes the construction and operation of a new automated solid phase peptide synthesizer, employing a continuous flow reaction system, computer aided programs and modern methods for microsequence analysis.

The protein chemist has to adopt methods of nucleic acid research and gene cloning technique; this is the reason for incorporating a chapter dealing with electrotransformation of culture cells.

The aim of this book is not to give a complete listing of all efforts made in a particular field, but rather to offer to the unexperienced investigator an opportunity to orient himself amongst the literature and to evaluate the chosen method in accordance with his special needs.

A separate article describe specificities of autoantibodies to small nuclear ribonucleoproteins (USnRNPs) in sera from patients with connective tissue diseases.

This volume is of interest to biochemists, molecular biologists, clinical biochemists, clinicians, pharmacists and microbiologists.