

about the book . . .

Detailing proteins of biomedical and commercial interest, including interferons, interleukins, and calcitonin, this informative **reference/text** focuses on protein structure, biological properties, purification, analysis, synthesis, and production. It illustrates biotechnological concepts *with* examples of biomedically useful proteins in an effective, interesting learning format.

Containing over 130 diagrams, tables, and photographs, *Fundamentals of Protein Biotechnology* provides various means of depicting proteins three-dimensionally . . . shows how molecular events lead to observed physiological phenomena . . . guides researchers and students through the individual steps of protein biosynthesis, from the organization of genetic information to post-translational modification . . . examines the relevance of separation techniques to virtually all aspects of protein purification and analysis . . . presents the challenge of isolating *new* active proteins from biological sources . . . surveys the history and methodology of solid phase peptide synthesis . . . and explains recombinant DNA techniques for cloning genes of specific proteins.

Fundamentals of Protein Biotechnology is a valuable **reference** for pharmacologists, pharmacists, biochemists, microbiologists, molecular biologists and geneticists, as well as protein, biological, and pharmaceutical chemists. It also serves as an outstanding **text** for advanced undergraduate and graduate courses in biochemistry, microbiology, and protein chemistry.

about the editor . . .

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