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The Book Corner

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THE BOOK CORNER

HPLC IN Clinical Chemistry, Edited by I. N. Papdoyannis, Chromatographic Science Series, Volume 54, Marcel Dekker, Inc., New York, NY, 488 pp., 1990. Price: \$115.00 (USA & Canada); \$138.00 (all other countries).

This book deals with the application of HPLC for the analysis of several classes of biological compounds. The volume contains several chapters dealing with various compounds, e.g., amino acids, carbohydrates, catecholamines, drugs, etc. It should be of interest to the clinical chemist as well as the research biochemist.

Most of the chapters are written well, with enough details; Compounds are discussed in general terms: how they can be cleaned up before analysis, the different methods for analysis by HPLC are reviewed, and how HPLC compares to other methods of analysis. The references, although not complete, are extensive and useful.

Unfortunately, some classes of compounds which are of interest to biocghemists and clinical chemists are either neglected or discussed briefly, such as nucleotides, VMA, HVA. The chapter on the analysis of drugs of abuse lacks some depth. However, the majority of chapters have enough information to get researchers started on a particular separation. For example, those researchers who would like to find a method for analysis of amino acids can find a good review of most of the methods of derivatization, cleanup and separation of amino acids. In general, this volume will be helpful for clinical chemists and research biochemists who will use HPLC in biological separation and quantitation.

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