

BOOK REVIEW

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A Review of "Micro-Chemical Analysis of Nervous Tissue"

REFERENCE: Osborn, Neville N., *Micro-Chemical Analysis of Nervous Tissue*, Pergamon Press, Oxford, New York, Toronto, Sydney. 1974, 225 pages, \$20.00

Among the many areas of science, the biochemical or pharmacological toxicologist is going to be interested in a book designed to aid in the development of suitable techniques for the study of different biochemical parameters in a physiologically defined area (such as an identified neuron).

The purpose of this monograph, as the author sets out in his prefatory discussion, is to describe some microprocedures developed by his laboratory and to provide a brief literature review of some of the developments in microprocedures during the past three decades. The emphasis of these reviews is on the correlations of intracellular biochemical reactions with morphological, biophysical, physiological, and so forth characteristics.

Beginning with microbiological techniques, the author presents a practical methods and techniques book which will be an excellent foundation for the expansion of biochemical studies in various areas. The demonstration of data already established through micro-techniques adds a dimension of usability for the reader. The practicality of these methods is enhanced by a discussion error introduction, accuracy limitations, characteristic changes in tissue under examination, and other uncertainty principles fundamental to basic research.

The book was written with the neurochemist in mind. This aggrandizes the value of the book to all scientists involved in basic research in many disciplines. It is thus not a final answer to a perplexing problem, but rather an essential step forward in developing techniques necessary to obtain information to date unknown.

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