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MEMBRANE TRANSPORT AND NEURORECEPTORS

EDITORS: Dale Oxender Arthur Blume
Ivan Diamond C. Fred Fox

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MEMBRANE TRANSPORT AND NEURORECEPTORS

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The table of contents does not necessarily follow the pattern of the plenary sessions. Instead, it reflects the thrust of the meeting as it evolved from the combination of plenary sessions, poster sessions, and workshops, culminating in the final collection of invited papers, submitted papers, and workshop summaries. The order in which articles appear in this volume does not follow the order of citation in the table of contents. Many of the articles in this volume were published in the *Journal of Supramolecular Structure* (now *Journal of Supramolecular Structure and Cellular Biochemistry*), and they are reprinted here. These articles appear in the order in which they were accepted for publication and then published in the *Journal*. They are followed by papers which were submitted solely for publication in the proceedings.

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Preface

The ICN-UCLA Symposium on Membrane Transport and Neuroreceptors was one of a continuing series of meetings on membrane structure and function. It was organized to bring together basic research scientists and clinicians to examine common problems in the different, but related, research fields of membrane transport and neurobiology. A second, unique aspect of this conference was its emphasis on the penetrating knowledge of normal physiological and/or biochemical processes that sometimes is derived from the study of abnormal tissues or cultured cells. Attempts were made to integrate basic and pathobiological studies on common problems wherever possible. The format of the conference included six plenary sessions, three pathobiology presentations, approximately 100 poster sessions, and 12 workshops.

This volume includes papers and workshop summaries arising from these various modes of presentation. Many of the papers were submitted for consideration by the Journal of Supramolecular Structure (now Journal of Supramolecular Structure and Cellular Biochemistry), either as articles describing original research or as invited reviews. Those articles which survived the review process and were accepted for publication are reprinted from the Journal in this volume.

The travel and subsistence expenses of invited speakers were defrayed in part by a grant funded jointly by the National Institute of Neurological and Communicative Disorders and Stroke; the National Institute of Arthritis, Metabolism and Digestive Diseases; and the Fogarty International Center. Endowments from Hoffman-LaRoche, Inc., Nutley, New Jersey; Merck and Co., Rahway, New Jersey; Sandoz, Inc., East Hanover, New Jersey; and Burroughs Wellcome, Co., Research Triangle Park, North Carolina, also contributed greatly to the overall support of the meeting. We gratefully acknowledge the continued support which ICN Pharmaceuticals, Inc. provides to this conference series in general. Finally, we thank Fran Stusser and the members of the ICN-UCLA Symposia staff for their valuable assistance. This volume was prepared with the administrative assistance of Betty Handy, who serves the Journal of Supramolecular Structure and Cellular Biochemistry as editorial assistant.

**Dale Oxender
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