

# Eighth Edition Acknowledgments and History

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The senior editors express our debt to all the authors and editors for their contributions that have made this book possible. The evolution of this book reflects the evolution of neuroscience during the four decades since the first edition. We owe gratitude to the many investigators whose past and current research has made this new edition both necessary and possible. Their efforts provide the foundation of this eighth edition. We regret that much important work and citations of historical significance cannot be specifically referenced in a textbook. In particular, we note with thanks the earlier work of former co-editors, Dr. Bernard Agranoff in the first six editions, Dr. Robert Katzman in the first three editions, Dr. Perry Molinoff in the fourth and fifth editions, and Drs. Stephen Fisher and Michael Uhler in the sixth edition. For this edition, we have reorganized, so that four senior editors and six editors have jointly assembled this Eighth Edition. We are grateful to Mica Haley and Melissa Turner of Elsevier, for helping us go to production with this latest edition.

In revising this book to remain current, all chapters were updated and some earlier chapters were dropped with essential content incorporated into other chapters. About 20% of the chapters are new to this edition and another 25% have new authors. Contemporary reviews and historically critical references are used to address both the latest ideas and the origins of the field. Illustrations are in full color with an eye toward teaching and aesthetics.

*Basic Neurochemistry: Fundamentals of Molecular, Cellular and Medical Neurobiology* had its origin in the Conference on Neurochemistry Curriculum initiated and organized by R. Wayne Albers, Robert Katzman and George J. Siegel under the sponsorship of the National Institute for Neurological Diseases and Stroke, June 19 and 20, 1969, Bronx, New York. At this conference, a group of 30 neuroscientists constructed a syllabus outline delineating the scope of a neurochemistry curriculum appropriate for medical, graduate and post-graduate neuroscience students. Out of this outline grew the first edition, edited by Wayne Albers, George Siegel, Robert Katzman and Bernard Agranoff. It was anticipated that the book would evolve with the emergence of the field and would stimulate continuing reappraisal of the scientific and

educational aspects of neurochemistry. This has in fact been the case over the years (see Preface).

The original editors assigned the copyright and all royalties to the American Society for Neurochemistry (ASN), with the royalties to be used for educational purposes. These funds have been used to subsidize travel of students and postdoctoral fellows to present their research at meetings of the ASN, to send copies of the book to libraries in underdeveloped countries and as prizes to students for their research at the ASN and International Society for Neurochemistry. In addition, these royalties have subsidized the Basic Neurochemistry Lectureships at the annual meetings of the ASN since 1979 and of course to support revisions of the book.

The first two Basic Neurochemistry Lectures reflected the meaning of this book in integrating molecular and functional aspects in studying the nervous system. The first lecture given by Tomas Hokfelt, who pioneered anatomical studies based on amine fluorescence, was entitled, "Neuroanatomy for the Neurochemist" while the second lecture given by Louis Sokoloff, who invented the methodology of functional brain imaging originally based on metabolism of radionuclide labeled- 2-deoxyglucose, was entitled "Neurochemistry for the Neuroanatomist". The history and further information concerning the ASN may be found at the website: [www.asneurochem.org](http://www.asneurochem.org). With this Eighth Edition, the tradition continues.

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