Preface

Neuroscience encompasses diverse fields ranging from molecular genetics to neuroinformatics and neurophilosophy. The common thread between all these fields is the structure of the human nervous system. Knowledge on the structure, connections, and function of the brain of experimental animals is readily available. However, the structure of the human brain was studied by the classical anatomists and their work is difficult to retrieve. With the current intense interest in the structure of the human brain, engendered particularly by imaging studies, groups of scientists familiar with the classical works, but who are also versed in modern neuroscience theory and techniques, have commenced human brain studies.

The present book gives an authoritative account of the structure of the human brain tempered with functional considerations. The task of describing all parts of the nervous system in the context of modern hypotheses of structural and functional organization would be overwhelming for a single individual. We have, therefore, asked scientists with knowledge and affection for their research areas to contribute to this edited volume. We trust that the combined effort of contributors to *The Human Nervous System 3e* will do justice to the data and concepts available in our field while stimulating the readers' brains, arousing curiosity, and providing a framework for thinking.

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