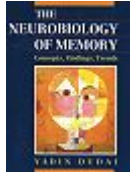


The Neurobiology of Memory

Concepts, Findings, Trends

Yadin Dudai



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Description

Uniquely bridging all levels of neurobiological analysis, this book describes and explains step-by-step the concepts, methods, findings and conclusions of modern learning research. The text starts with a treatment of simple nervous systems and molecular mechanisms, proceeds to more complex learning and development, and concludes with the functional

organization of highly complex memory systems in the human brain and their disintegration in amnesia. The book, supplemented by 1100 references and many illustrations, is intended for advanced undergraduate and graduate courses, as well as for neuroscientists who seek a comprehensive overview of the field. It should also be of interest to scientists from other disciplines and to other readers who wish to learn about the new neurobiology of learning.

Readership: First-degree students, postgraduates, and postdoctoral researchers in the neurosciences: psychologists, life scientists, cognitive scientists, computer scientists. Physicians, especially neurologists and psychiatrists.