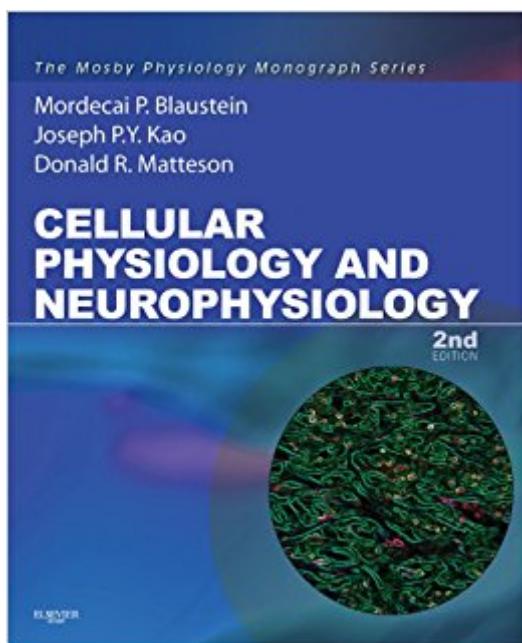


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# Cellular Physiology And Neurophysiology E-Book: Mosby Physiology Monograph Series (Mosby's Physiology Monograph)



## **Synopsis**

Gain a quick and easy understanding of this complex subject with the 2nd edition of *Cellular Physiology and Neurophysiology* by doctors Mordecai P. Blaustein, Joseph PY Kao, and Donald R. Matteson. The expanded and thoroughly updated content in this Mosby Physiology Monograph Series title bridges the gap between basic biochemistry, molecular and cell biology, neuroscience, and organ and systems physiology, providing the rich, clinically oriented coverage you need to master the latest concepts in neuroscience. See how cells function in health and disease with extensive discussion of cell membranes, action potentials, membrane proteins/transporters, osmosis, and more. Intuitive and user-friendly, this title is a highly effective way to learn cellular physiology and neurophysiology. Focus on the clinical implications of the material with frequent examples from systems physiology, pharmacology, and pathophysiology. Gain a solid grasp of transport processes which are integral to all physiological processes, yet are neglected in many other cell biology texts. Understand therapeutic interventions and get an updated grasp of the field with information on recently discovered molecular mechanisms. Conveniently explore mathematical derivations with special boxes throughout the text. Test your knowledge of the material with an appendix of multiple-choice review questions, complete with correct answers. Understand the latest concepts in neurophysiology with a completely new section on Synaptic Physiology. Learn all of the newest cellular physiology knowledge with sweeping updates throughout. Reference key abbreviations, symbols, and numerical constants at a glance with new appendices.

## **Book Information**

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Easy to read, small, light.I'm in the first year of a Neuroscience PhD. and for the unit "biophysics" the first 7 chapters were really useful.But if you want to more details, specially in electrical sinapsys (gap junction) this is not your book (only 4 pages to that subject).Good book for introduction and medium level.

Best text resource I have had in medical school so far.

Excellent book! Written very clearly and easy to understand. I highly recommend.

Great

Nice and small, so it's easy to bring with you to school or the library. The text is a little dense but fairly understandable.

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