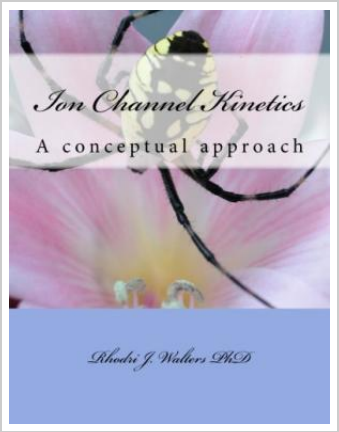

Ion Channel Kinetics: A Conceptual Approach (Paperback)

By Dr Rhodri James Walters

Createspace Independent Publishing Platform, 2017. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. Scientists have tended to approach the study of electricity, or excitability, within biological systems empirically and, by extension, biology has therefore fragmented into myriad domains, each with its own lore and wisdom. As electrophysiology is a province within the realm of biophysics, the subject has traditionally been approached from a mathematical standpoint, often at the expense of a more holistic approach to understanding the nature of biological systems. To this extent, we need to be careful that our theoretical abstraction from the biological context, and our use of tools which are invariably prone to artifacts, do not disrupt or distort the very essence of what we are seeking to understand. We should, therefore, avoid the pitfalls of failing to understand the nature of living systems and of falling prey to the absolutism of physics, a paradigm of scientific thought which tends to refute measurements or findings simply because we cannot explain them theoretically or model them mathematically. The field of biophysics encompasses the disciplines of biochemistry, electronics, optics, physics, mathematics, physiology, genetics, physiology, and pharmacology. It is, therefore, an advanced field,...

Reviews

Without doubt, this is actually the best operate by any article writer. Indeed, it can be perform, nonetheless an interesting and amazing literature. Its been written in an exceedingly straightforward way in fact it is only soon after i finished reading through this book through which in fact changed me, modify the way in my opinion.

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Extensive manual! Its this kind of very good read through. I actually have read and that i am confident that i am going to planning to study once again once more in the future. I am easily could possibly get a delight of looking at a composed publication.

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