DESCRIPTION

Edited by the most prominent person in the field and top researchers at US pharmaceutical companies, this is a unique resource for drug developers and physiologists seeking a molecular-level understanding of ion channel pharmacology.

After an introduction to the topic, the authors evaluate the structure and function of ion channels, as well as related drug interaction. A section on assay technologies is followed by a section each on calcium, sodium and potassium channels. Further chapters cover genetic and acquired channelopathies, before the book closes with a look at safety issues in ion channel drug development.

For medicinal and pharmaceutical chemists, biochemists, molecular biologists and those working in the pharmaceutical industry.

ABOUT THE AUTHOR

David J. Triggle is a Professor for Pharmacy at the State University of New York at Buffalo, USA, where he is investigating drug-receptor interactions and has specialized in ion channel pharmacology. He is the author of several books, has contributed around 350 papers, chapters and reviews, and has presented over 1,000 lectures worldwide.

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