

(Free pdf) Ion Adventure in the Heartland, Volume 1

# Ion Adventure in the Heartland, Volume 1

*Dale Dubin*

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**Dale Dubin : Ion Adventure in the Heartland, Volume 1** before purchasing it in order to gage whether or not it would be worth my time, and all praised Ion Adventure in the Heartland, Volume 1:

1 of 1 people found the following review helpful. Wonderful illustrationsBy PMIIf you really want to understand and retain the ionic and physiologic interplay of the excitation - contraction mechanism of the heart - this book is absolutely worth your time and resources. You won't find a another book on the market that does such wonderful job breaking down complex processes into easy to understand illustrations.0 of 0 people found the following review helpful. Great book for CCU nurse and Paramedic trainingBy garylavaGreat book for CCU nurse and Paramedic training. It's out of print though and only available in limited quantities. It says volume 1, when is volume 2 available?0 of 0 people found the following review helpful. A very good basic primer on ion channelsBy Jerry W. JonesThe book contains a lot of information presented in a graded (easy - difficult - more difficult) manner. The illustrations help explain concepts, though I think I could have done without all the photos of Dubin as a child narrating the book (a bit too cute!). A little knowledge of biochemistry and cellular biology would be helpful.

Explores the exciting ionic-molecular microcosm inside heart cells and the movement of three types of cat-ions that provide cardiac function. The movement of these ions is regulated by fascinating ion-kinetic structures of the heart's cells. This book talks about the ionic-molecular wonderland.

"...a fantastic volume. It is "made simple" without sacrificing accuracy and the presentation is delightfully

aesthetic." -- Yoram Rudy, Ph.D., Professor of Cardiac Bioelectricity and Professor of Biomedical Engineering, Physiology Biophysics, and Medicine (Cardiology), Case Western Reserve University "...beautifully illustrated, superb. I do not know of a better book for understanding the ionic-molecular mechanisms of the heart." -- Denton A. Cooley, M.D., President and Surgeon-in-Chief, Texas Heart Institute "...brilliant in concept and execution...will lead to improved diagnosis and treatment, real advances in pharmacology and clinical understanding." -- Brian F. Hoffman, MD, College of Physicians and Surgeons Columbia University "New monumental book, masterfully written and unique destined to become a classic on the electrical activity of the heart." -- Prof. Nicholas Sperelakis, Ph.D., University of Cincinnati College of Medicine "To make the most difficult areas of cardiac science so accessible is remarkable. Even experts will find valuable insights..." -- Professor Denis Noble, CBE, FRS, Hon. FRCP, Department of Physiology, Oxford University