



Congratulations to Professor Indra Raman and Professor Emeritus David Ferster on the publication of their book ***The Annotated Hodgkin and Huxley: A Reader's Guide*** published by **Princeton University Press**.

Our modern understanding about how neurons and muscles generate electrical signals originated from five revolutionary papers, published in the *Journal of Physiology* in 1952 by Alan Hodgkin and Andrew Huxley. The principles they revealed remain cornerstones of the discipline, summarized in every introductory neuroscience and physiology course. Scientific practice, technology, and presentation have changed over the decades, however, making it difficult for readers today to appreciate Hodgkin and Huxley's rigorous scientific thought, elegant experimental design, ingenious analysis, and beautiful writing.

This book provides the first annotated edition of these papers. The original journal pages are displayed opposite detailed notes explaining content, process, and background, with copies of the figures replotted according to modern conventions. Appendices offer essential background on equations, electricity, and electrical circuits tailored for beginning physiologists, and introductory material explains the greater historical and scientific context surrounding the work. Intended for scientists, teachers, and trainees alike, *The Annotated Hodgkin and Huxley* makes an essential body of knowledge—and an unparalleled approach to research—accessible to a new generation of readers.

The cover illustration of the squid (softcover only) is an original work by Northwestern graduate Yin-Peng Chen.

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