

**Kirkes' Hand-Book of Physiology** 

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# HAND-BOOK OF PHYSIOLOGY

BY

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### *Extracts from the Author's Prefaces :*

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The present edition of this Hand-book has been re-arranged, and to a great extent re-written. In fact, with the exception of numerous illustrations, and a few pages here and there, which treat of anatomical detail or describe instruments, and which have only been subjected to minor alterations, the book is a new one. In re-writing the book, I have endeavored to bear in mind, that it is intended for the use of medical students, and I have also retained what has always been one of its special features, namely, that it treats of Histology as well as of Physiology proper.

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Considerable activity has characterized all branches of physiological research during the short time that has elapsed since the publication of the last edition of this Hand-book. All the important facts which have been thus discovered I have endeavored to incorporate in the present edition. I am much indebted to numerous correspondents in this country and in America for pointing out a number of minor errors, which escaped me when correcting the last edition for press; these I have taken the opportunity to rectify. I have especially to thank Dr. Leonard Hill, who has given me much assistance in amplifying the chapter on the Circulation of the Blood. I have also modified the order in which the subjects are treated; the Central Nervous System is now placed towards the end of the book. This step has been taken in response to the wishes of numerous teachers.

#### **Sixteenth Edition**

The rapid sale of the fifteenth edition has necessitated the issue of another. The present, the sixteenth edition, is, however, not a mere reprint, but where necessary the subject-matter has been brought fully up-to-date.

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Every chapter seems to have been brought up-to-date with equal care, and the volume stands not only as the most recent, but as one of the best books on Physiology extant. *The Lancet.*

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