# THE CHEMICAL CONSTITUTION OF THE PROTEINS. IN TWO PARTS, PART II

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The Chemical Constitution of the Proteins. In Two Parts, Part II by R. H. Aders Plimmer

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### MONOGRAPHS ON BIOCHEMISTRY

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R. H. ADERS PLIMMER, D.Sc.

AND

F. G. HOPKINS, M.A., M.B., D.Sc., F.R.S.

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### THE

## CHEMICAL CONSTITUTION

OF

## THE PROTEINS

BY

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ASSISTANT PROPESSOR OF PRYSIDLOGICAL CREMISTRY IN, AND FELLOW OF UNIVERSITY COLLEGE, LOYDON

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PART II



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TO

EMIL FISCHER

THE MASTER OF

ORGANIC CHEMISTRY IN 1TS RELATION TO BIOLOGY



### GENERAL PREFACE.

THE subject of Physiological Chemistry, or Biochemistry, is enlarging its borders to such an extent at the present time, that no single text-book upon the subject, without being cumbrous, can adequately deal with it as a whole, so as to give both a general and a detailed account of its present position. It is, moreover, difficult, in the case of the larger text-books, to keep abreast of so rapidly growing a science by means of new editions, and such volumes are therefore issued when much of their contents has become obsolete.

For this reason, an attempt is being made to place this branch of science in a more accessible position by issuing a series of monographs upon the various chapters of the subject, each independent of and yet dependent upon the others, so that from time to time, as new material and the demand therefor necessitate, a new edition of each monograph can be issued without re-issuing the whole series. In this way, both the expenses of publication and the expense to the purchaser will be diminished, and by a moderate outlay it will be possible to obtain a full account of any particular subject as nearly current as possible.

The editors of these monographs have kept two objects in view: firstly, that each author should be himself working at the subject with which he deals; and, secondly, that a Bibliography, as complete as possible, should be included, in order to avoid cross references, which are apt to be wrongly cited, and in order that each monograph may yield