

**A MANUAL OF CHEMICAL  
PHYSIOLOGY INCLUDING  
ITS POINTS OF CONTACT  
WITH PATHOLOGY**

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A manual of chemical physiology including its points of contact with pathology by J. L. W. Thudichum

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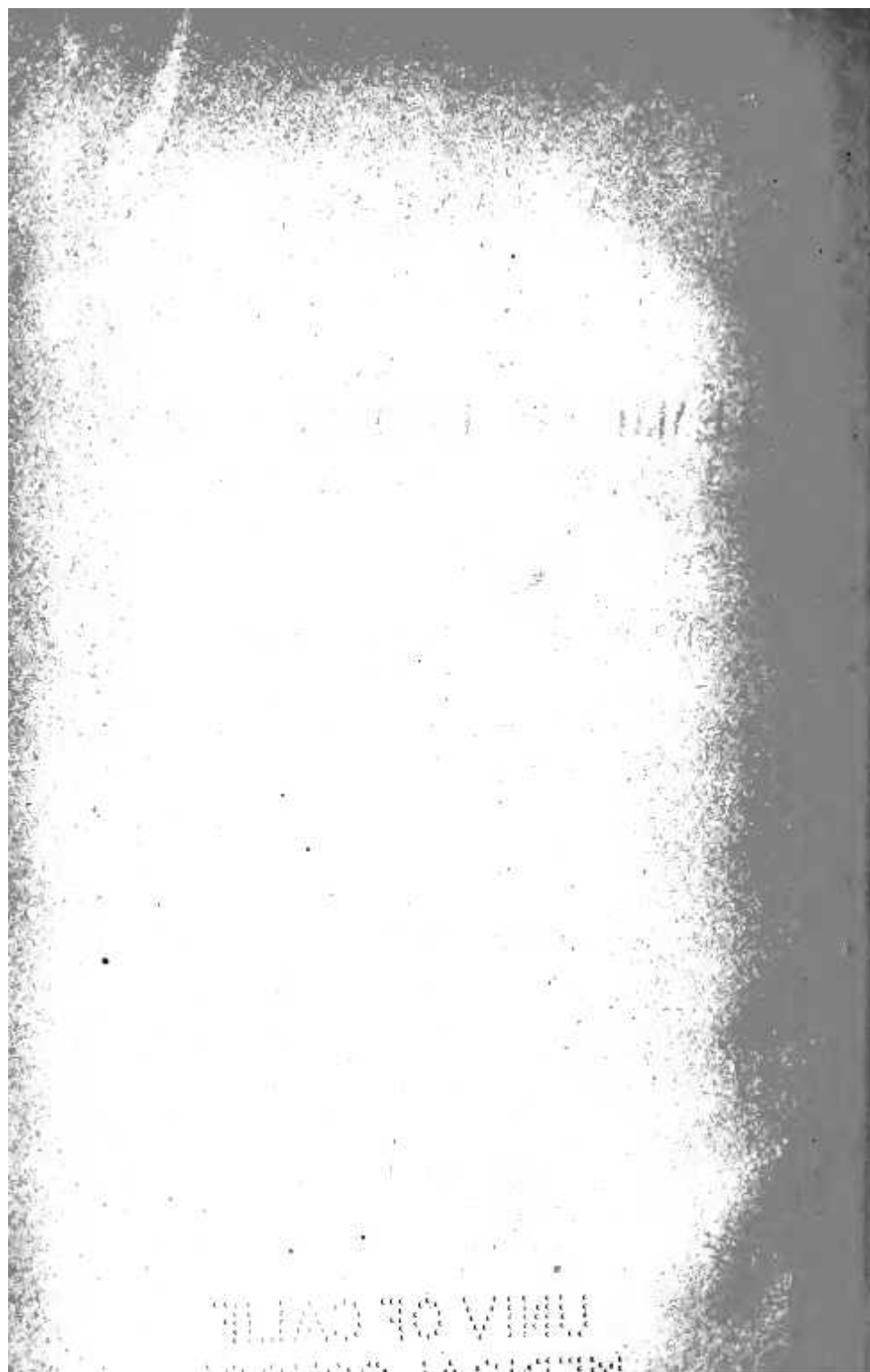
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BY

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1872

## PREFACE.

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THE first part of this little treatise was written and printed as the introduction to my "Researches intended to promote an Improved Chemical Identification of Diseases," which have been published in several numbers of the annual "Report of the Medical Officer of the Privy Council." It has been found so useful in my experience as a teacher, that I have, with the permission of Mr. Simon, ventured to reproduce it in the present form. It is a complete but concise epitome of the branch of science commonly termed "physiological or animal chemistry," and will be found to contain its latest acquisitions. Any medical student who possesses the information which it contains will be enabled to meet the requirements, so far as concerns this particular subject, of any of the examining and licensing bodies in this country and abroad. To the student in Chemistry, Physiology, or Science, it offers a ready help to the acquisition of elementary knowledge, upon the basis of which he can afterwards place the superstructure of more extended and detailed

studies. To my colleagues of the Medical Profession it will afford an easy bird's-eye view of the chemical features of the field of their thoughts and action. Its perusal will involve no unreasonable tax upon the time of any reader or student, and occasional reference to particular points is facilitated by marginal notes and a short alphabetical index.

The second part of the work is an *Analytical Guide* for the use of those who desire to make themselves practically acquainted with the phenomena and constituents of animal bodies. It is therefore not descriptive in the sense in which ordinary chemical text-books may be said to be so, but *prescriptive* in the style and manner of pharmacopœias. It directs the student how to proceed in order to arrive at a certain result, leaving him in most cases to appreciate the result of his operation by his own reflection. The guide is perhaps the most elementary that could be written for any practical purpose, and yet I think it improbable that ordinary students of medicine will easily go through the whole of its matter in the laboratory. I hope, therefore, that teachers of chemistry who will make use of the Guide in their classes will select the reactions and analyses to be performed by each student according to his knowledge, ability, and intentions.

This little treatise summarises much of the method

pursued, and many of the results arrived at in my laboratory during many years of patient inquiry. In the compilation of the Analytical Guide I have received much valuable help from my esteemed assistants, Mr. F. J. M. Page, and Mr. C. G. Stewart, for which I here express to them my sincere thanks.

## THE AUTHOR.

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