

**THE MORPHOLOGY OF
NORMAL AND
PATHOLOGICAL BLOOD**

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The Morphology of Normal and Pathological Blood by George A. Buckmaster

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GEORGE A. BUCKMASTER

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AND PATHOLOGICAL BLOOD

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P R E F A C E

THIS volume contains the substance of a course of lectures recently delivered in the Physiological Institute of the University of London.

I am indebted to Dr C. Slater and Mr C. T. Dent for permission to make use of the material collected during our work on polycythaemia at high levels.

All the illustrations and charts are original, with the exception of Figures 6 and 9a. The coloured plates were drawn and painted by my wife, and each represents a single selected field of the specimen viewed in daylight. My thanks are due to Mr Murray for these plates, and for the excellent way in which they are produced. The photographs of the blood-changes in leukaemia are reproduced from negatives taken by Mr Gordon Webb.

During the past fifteen years I have had abundant opportunities of investigating, not only the normal, but also those abnormal features of human blood that are met with in disease, and this work, together with other considerations, has led me to clearly recognise that both the closely related sciences of physiology and pathology may be studied either as subjects which have a purely academic interest, or what appears to be of far greater importance—as subjects which have a direct bearing on the advancement of medicine. In these lectures, where it was desired to give only an outline of the subject, this view as to the close relationship of physiology and pathology to medicine has been kept in mind.

A complete knowledge of the literature on the blood is practically beyond the reach of anyone, but all the references which are given have been actually consulted. The various excellent volumes on the blood which exist in English have not been used for reference, since they are easily accessible. Possibly these lectures may be of service as an introduction to larger works on haematology.

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