### SECOND EDITION

# A Laboratory Manual of Qualitative Organic Analysis

## H. T. OPENSHAW

A practical guide, for use on the bench, to the identification of the commoner types of organic compound, consisting of a series of tests for functional groups, to be applied in a definite order. Experience gained in the use of the book since it was first published in 1946 has made necessary some minor corrections and has suggested some improvements which are incorporated in this new edition.

CAMBRIDGE UNIVERSITY PRESS

# The Quarterly Journal of Medicine

Edited by W. RUSSELL BRAIN, CRIGHTON BRAMWELL, W. D. W. BROOKS, D. M. DUNLOP, H. L. MARRIOTT, ROBERT PLATT

#### CONTENTS

NEW SERIES. Vol. XXI, No. 82. APRIL 1952 (Vol. XLV of the continuous series)

The Benzidine Test for Occult Blood in Faeces. By C. D. NEEDHAM and R. G. SIMPSON.

Some Aspects of the Natural History of Disseminated Sclerosis. Part I. The Incidence, Course, and Prognosis. Part II. Factors Affecting the Onset and Course. By Douglas McAlpine and Nigel Compston.

The Treatment of Intermittent Claudication. By M. HAMILTON and G. M. WILSON.

Obliterative Disease of the Abdominal Aorta and Iliac Arteries with Intermittent Claudication.

By Alan Kekwick, Lawson McDonald and Robert Semple. With Plate 4.

Local Circulatory Changes Associated with Clubbing of the Fingers and Toes. By G. M. Wilson. With Plates 5 and 6.

The Diagnostic Value of Serum Iron Studies in Haemochromatosis: Observations on Seven Patients. By J. C. Houston and R. H. S. Thompson. With Plate 7.

Metabolic Studies in Severe Diabetic Ketosis. By J. D. N. NABARRO, A. G. SPENCER and J. M. STOWERS.

Single Numbers 12s. 6d. net each Subscription 40s. per annum Subscription, Bound Volumes 45s. net

OXFORD UNIVERSITY PRESS, LONDON E.C.4

## CONTENTS

(All rights reserved)

	PAGE
CHU, H. P. Variation of Bacillus anthracis with special reference to the non-capsulated avirulent variant. (With Plates 15-18)	433
	200
FISHER, S. The estimation in vitro of small amounts of diphtheria antitoxin by means	440
of a haemagglutination technique	445
IPSEN, J., DONOVAN, W. R. and JAMES, G. Sociologic factors in the spread of epidemic	
hepatitis in a rural school district. (With 4 Figures in the Text)	457
FAZEKAS DE ST GROTH, S. Nasal mucus and influenza viruses. I. The haemagglutinin	
inhibitor in nasal secretions. (With 2 Figures in the Text)	471
FAZEKAS DE ST GROTH, S. Nasal mucus and influenza viruses. II. A new test for the	
presumptive diagnosis of influenza infection	491
MALLOCH, R. A. and STOKER, M. G. P. Studies on the susceptibility of Rickettsia	
burneti to chemical disinfectants, and on techniques for detecting small numbers of viable organisms. (With 4 Figures in the Text)	502
Felix, A. The properties of different Salmonella Vi antigens	515
FELIX, A. The Vi antigen of Salmonella paratyphi A	540
Felix, A. The Vi antigen of Salmonella paratyphi B	550
Felix, A. The serological classification of Bacteriaceae	558
Index of Authors	580
Index of Subjects	582

The Journal of Hygiene is issued in four parts to a volume. Quotations can be given for back volumes on application.

Papers for publication should be sent to Professor E. T. C. SPOONER, London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C. 1. Other communications should be addressed to the University Press, Cambridge.

Papers forwarded to the Editor for publication are understood to be offered to The Journal of Hygiene alone, unless the contrary is stated.

Contributors receive fifty copies of their papers free. Additional copies may be had at cost price: these should be ordered when the final proof is returned.

Commencing with Vol. 50 the subscription price will be £4 per volume (post-free), payable in advance; single numbers 22s. 6d. net. Subscriptions may be sent to any Bookseller, or to The Cambridge University Press, Bentley House, 200 Euston Road, London, N.W. 1.

The subscription price in the U.S.A. is \$13.50. Single parts \$3.75. Enquiries should be addressed to the American Branch of the Press at 32 East 57th Street, New York, 22.