JOURNAL OF HYGIENE

EDITED BY

GEORGE H. F. NUTTALL, M.D., Ph.D., Sc.D., LL.D., F.R.S.

EMERITUS PROFESSOR OF BIOLOGY IN THE UNIVERSITY OF CAMBRIDGE

IN CONJUNCTION WITH

J. C. G. LEDINGHAM, C.M.G., M.B., D.Sc., F.R.S., Professor of Bacteriology in the University of London, Director of the Lister Institute, London.

> G. S. GRAHAM-SMITH, M.D., F.R.S., Reader in Preventive Medicine, Cambridge.

MAJOR GREENWOOD, D.Sc., F.R.C.P. (LOND.), F.R.S., Professor of Epidemiology and Vital Statistics in the University of London. SIR DAVID MUNRO, K.C.B., C.I.E., M.B., Secretary, Industrial Health Research Board, Medical Research Council.

PUBLISHED QUARTERLY



LONDON CAMBRIDGE UNIVERSITY PRESS FETTER LANE, E.C. 4

CHICAGO: The University of Chicago Press (Agents for the United States)
BOMBAY, CALCUTTA, MADRAS: Macmillan TOKYO: Maruzen Company Ltd.

All rights reserved

Price Fourteen Shillings net



The Quarterly Journal of Medicine

Edited by

T. R. ELLIOTT, F. R. FRASER, A. G. GIBSON, D. HUNTER, J. W. McNEE, J. A. RYLE with the help of

E. FARQUHAR BUZZARD, GORDON HOLMES, ARTHUR F. HURST, J. A. NIXON, R. A. PETERS, E. P. POULTON, E. I. SPRIGGS, O. L. V. S. DE WESSELOW

CONTENTS

NEW SERIES. Vol. V, No. 18. APRIL 1936

The Modified Vanadate Serum Malignancy Test (Bendien-Lowe). An Account of the Examination of 450 Sera. By R. Ewart Jones and D. Leyton Woodhouse.—The Mechanism of Production of Cerebrospinal Fluid. A Comparative Study of the Sugar, Non-protein Nitrogen, and Inorganic Phosphorus Content of Blood and Cerebrospinal Fluid. By Henry Cohen.—The Effect of Induced Hyperglycaemia on the Glucose Content of Cerebrospinal Fluid, By Henry Cohen and Julius Libman.—The Glucose Content of Cerebrospinal Fluid after Withdrawal. By Henry Cohen and Julius Libman.—Therapeutic Pyrexia by Means of Short Radio Waves. By F. J. Nattrass and S. F. Evans.—The Quinidine Treatment of Auricular Fibrillation. By Maurice Campbell and F. W. Gordon.—Studies in Coeliac Disease. I. Carbohydrate Metabolism. By Eleanor Badenoch and Noah Morris.—Studies in Pneumonia with Special Reference to Agglutinins. By G. J. Langley, W. Mackay, and L. Stent.—Weil's Disease in Fish-Workers: A Clinical, Chemical, and Bacteriological Study of Forty Cases. By L. S. P. Davidson and J. Smith. With Plate 12.

VOLUMES 45s. NET , BOUND VOLUMES 40s. NET CLOTH CASES 5s. NET

Humphrey Milford, Oxford University Press, London, E.C. 4