

Vol. 66, No. 3

September 1968

# THE JOURNAL OF HYGIENE

(Founded in 1901 by G. H. F. Nuttall, F.R.S.)

EDITED BY

R. M. FRY, M.A., M.R.C.S.

IN CONJUNCTION WITH  
P. ARMITAGE, M.A., PH.D.

R. D. BARRY, M.A., B.V.Sc., PH.D.

W. I. B. BEVERIDGE, D.V.Sc., M.A.

A. W. DOWNIE, M.D., F.R.S.

R. I. N. GREAVES, M.D., F.R.C.P.

E. T. C. SPOONER, C.M.G., M.D., F.R.C.P.

Sir GRAHAM WILSON, M.D., LL.D., F.R.C.P., D.P.H.



CAMBRIDGE UNIVERSITY PRESS

Bentley House, 200 Euston Road, London, N.W.1

American Branch: 32 East 57th Street, New York, N.Y.10022

*Subscription per volume £4 10s. net (\$17.50) (4 parts)*

*Single parts 32s. 6d. net (\$5.00)*

## The Journal of Hygiene

Papers for publication should be sent to Dr R. M. Fry, Department of Pathology, Tennis Court Road, 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 twenty-five copies of their paper free. Additional copies may be purchased; these should be ordered when the final proof is returned.

### SUBSCRIPTIONS

*The Journal of Hygiene* is published quarterly.

Single parts 32s. 6d. net (\$5.00 in the U.S.A.) plus postage.

Four parts form a volume. The subscription price of a volume (which includes postage) is £4 10s. net (\$17.50 in the U.S.A.).

Second class postage paid at New York, N.Y.

Quotations for back volumes may be obtained from the publisher.

Orders should be sent to a bookseller or to the publisher:

Cambridge University Press

Bentley House, 200 Euston Road, London, N.W. 1

32 East 57th Street, New York, N.Y. 10022

# The Quarterly Journal of Medicine

NEW SERIES, Vol. XXXVII No. 147. JULY 1968

(Vol. LIX of the continuous series)

- Chronic Non-Obstructive Pyelonephritis and Hypertension: A Long-Term Study.** By ULLA BENGTSSON, ANN-MARIE HÖGDAHL and BERTIL HOOD
- Chronic Hepatitis: Effect of Prolonged Suppressive Treatment and Comparison of Azathioprine with Prednisolone.** By I. R. MACKAY
- Clinical Studies with an Articular Index for the Assessment of Joint Tenderness in Patients with Rheumatoid Arthritis.** By DOROTHY M. RITCHIE, JAMES A. BOYLE, JOHN M. MCINNES, MUKUNDRAI K. JASANI, THEODORE G. DALAKOS, PHILLIDA GRIEVESON, and W. WATSON BUCHANAN
- Studies of the Rise in Plasma. 11-Hydroxycorticosteroids (11-OHCS) in Corticosteroid-Treated Patients with Rheumatoid Arthritis during Surgery: Correlations with the Functional Integrity of the Hypothalamo-Pituitary-Adrenal Axis.** By MUKUNDRAI K. JASANI, PETER A. FREEMAN, JAMES A. BOYLE, ALICK M. REID, MICHAEL J. DIVER and W. WATSON BUCHANAN
- Irreversible Post-Partum Renal Failure.** By J. S. ROBSON, A. M. MARTIN, V. ANNE RUCKLEY and MARY K. MACDONALD
- Osteogenesis Imperfecta in Twenty-three Members of a Kindred with Heritable Features Contributed by a Non-Specific Skeletal Disorder.** By MARTIN C. CAREY, OLIVER FITZGERALD and EUGENE MCKIERNAN.
- Clinical and Precursory Forms of Pernicious Anaemia in Hyperthyroidism.** By K. F. R. SCHILLER, G. H. SPRAY, A. G. WANGEL and R. WRIGHT
- Cardiomyopathy of Pregnancy and the Puerperium.** By K. L. STUART
- Acute Polyneuritis requiring Artificial Respiration.** By R. L. HEWER, P. J. HILTON, A. CRAMPTON SMITH and J. M. K. SPALDING
- Megaloblastic Anaemia in Myelosclerosis.** By A. V. HOFFBRAND, I. CHANARIN, S. KREMENCHUKY, L. SZUR, A. H. WATERS and D. L. MOLLIN

Single Numbers 25s. net each      Subscription 70s. per annum

OXFORD UNIVERSITY PRESS

6,720 current abstracts a year on

## PUBLIC HEALTH, SOCIAL MEDICINE AND HYGIENE

Important, up-to-date and scientifically accurate abstracts of reports from world medical literature dealing with public health, social medicine and hygiene are brought to your desk by this monthly publication.

All abstracts are classified under the following headings: general aspects/statistics/communicable diseases/social hygiene/industrial medicine/dental hygiene/sanitation/military medicine/atomic warfare/nutrition/veterinary hygiene, zoonoses/medical zoology.

published monthly since 1947

quotations on back volumes will be provided on request

annual subscription rate: U.S. \$30.00/£12. 11s. 0d. Sterling/Dfl. 108, -  
(post-paid)

Sample copies will be sent on request

### EXCERPTA MEDICA FOUNDATION

119—123 Herengracht, Amsterdam, The Netherlands

New York Academy of Medicine Bldg., 2 East 103rd Street, New York, N.Y. 10029

Chandos House, 2 Queen Anne Street, London, W. 1

# The Journal of General Microbiology

Edited by B. C. J. G. KNIGHT & A. F. B. STANDFAST

Volume 53, Part 1, August 1968

- L. EDEBO, T. HOLME AND I. SELIN Microbicidal action of compounds generated by transient electric arcs in aqueous systems
- S. KERR Ploidy level in the true slime mould *Didymium nigripes*
- S. LUCAS, M. BAZIN AND N. KERR Observations on the differentiation of plasmodia into fruiting bodies by the true slime mould, *Didymium nigripes*
- H. ZOLA Lysis of the limiting membrane of *Mycoplasma gallisepticum* by chemical agents
- T. H. BLACKBURN Protease production by *Bacteroides amylophilus* strain H18
- T. H. BLACKBURN The protease liberated from *Bacteroides amylophilus* strain H18 by mechanical disintegration
- J. F. JACKSON, D. J. W. MORIARTY AND D. J. D. NICHOLAS Deoxyribonucleic acid base composition and taxonomy of Thiobacilli and some nitrifying bacteria
- L. D. HUNTER, D. S. KIRKHAM AND R. C. HIGNETT Active resistance to apple scab
- G. L. ROBINSON Laboratory cultivation of some human parasitic amoebae
- A. BECKETT AND I. M. WILSON *Ascus* cytology of *Podospora anserina*
- A. BECKETT, R. BARTON AND I. M. WILSON Fine structure of the wall and appendage formation in ascospores of *Podospora anserina*
- C. E. BLAND AND J. N. COUCH Observations on the chromatinic bodies of two species of the Actinoplanaceae
- R. LAHOZ AND J. GONZALEZ IBEAS The autolysis of *Aspergillus flavus* in alkaline medium
- W. T. DRABBLE AND B. A. D. STOCKER R (Transmissible drug-resistance) factors in *Salmonella typhimurium*: pattern of transduction by phage P22 and ultraviolet-protection effect
- P. MAXIMESCU New host-strains for the lysogenic *Corynebacterium diphtheriae* PARK WILLIAMS No. 8 strain
- M. E. BROWN AND S. K. BURLINGHAM Production of plant growth substances by *Azotobacter chroococcum*

PROCEEDINGS OF THE SOCIETY FOR GENERAL MICROBIOLOGY 1-3 April 1968

45s. net (\$7.50). Annual subscription £25 net (\$87.50) for fifteen issues

**CAMBRIDGE UNIVERSITY PRESS**

## Corrigendum

DERRICK BAXBY and C. J. M. RONDLE, *J. Hyg.,  
Camb.* (1968) **66**, 191–205.

On page 204, in reference to Easterbrook, K. B. (1962), for *Virology* **27**, 245, read *Virology* **17**, 245. In reference to Easterbrook, K. B. & Davern, C. I. (1963), for *Virology* **17**, 509 read *Virology* **19**, 509.