

THE QUARTERLY JOURNAL OF MEDICINE

(NEW SERIES)

EDITED BY

D. A. K. BLACK
W. B. MATTHEWS

P. HUGH-JONES
J. D. N. NABARRO

E. M. MCGIRR
A. G. W. WHITFIELD

CONTENTS

NEW SERIES VOL. 40 No. 159 July 1971

(Vol. 64 of the continuous series)

The Effects of Chemotherapy on Iron, Folate, and Vitamin B₁₂ Metabolism in Tuberculosis. *By Daphne H. Line, B. Seitanidis, J. O. Morgan, and A. V. Hoffbrand*

Endemic Typhoid Fever. *By A. C. B. Wicks, G. S. Holmes, and Lindsay Davidson*

The Treatment of Cystinuria with *N*-acetyl-*D*-penicillamine, a Comparison with the Results of *D*-penicillamine Treatment. *By A. D. Stephens and R. W. E. Watts*

Granulomatous Hepatitis of Obscure Aetiology. *By Muiris X. Fitzgerald, Oliver Fitzgerald, and Robert P. Towers*

Immunohistology in Renal Disease. *By Rawle M. McIntosh, Binger Tinglof, Donald Kaufman, Leslie Dornfeld, Harvey Gonick, Fred G. Smith, and Robert L. Vernier*

Atlanto-Axial Subluxation and Cervical Myelopathy in Rheumatoid Arthritis. *By J. C. Stevens, N. E. F. Cartledge, M. Saunders, A. Appleby, M. Hall, and D. A. Shaw*

A Follow-up Study of Patients with Post-cricoid Webs. *By Morag Chisholm, G. M. Ardran, Sheila T. Callender, and Ralph Wright*

Iron Deficiency and Autoimmunity in Post-cricoid Webs. *By Morag Chisholm, G. M. Ardran, Sheila T. Callender, and Ralph Wright*

Polyneuritis Associated with Cytomegalovirus Infections. *By J. C. Leonard and J. O'H. Tobin*

Medullary Carcinoma of the Thyroid Gland. *By W. Milo Keynes and A. S. Till*

Price £1.50 Subscription price £4.25 per annum

OXFORD UNIVERSITY PRESS

Ely House, 37 Dover Street, London, W1K 4AH

**6700 current abstracts a year on
PUBLIC HEALTH, SOCIAL MEDICINE AND HYGIENE
in 12 fully indexed monthly issues**

With the annual volume of medical literature published throughout the world increasing so rapidly, it becomes ever more difficult for the individual specialist to keep abreast of the latest developments in his particular field. For this reason Excerpta Medica has been publishing, since 1955, in English, a journal exclusively devoted to Public Health, Social Medicine and Hygiene.

Some 3000 of the world's most important journals are screened consistently to form the basis for each of the 38 Excerpta Medica abstract journals.

Public Health, Social Medicine and Hygiene currently contains 6700 abstracts per year.

Each issue contains a subject and author index which is annually cumulated and published in a separate issue. This, as well as a detailed classification allow for rapid location of abstracts.

The references in the subject index (computer-collated) are based on both the title and contents of the article.

- *Quotations on back volumes will be provided on request*
- *Specimen copies will be sent on request*
- *Annual subscription rate: US \$50.00/£20.95 Stg./Dfl. 180,00*

EXCERPTA MEDICA

119-123 Herengracht—Amsterdam—The Netherlands

N.Y. Acad. of Med. Bldg.—2 East 103rd Street—New York, N.Y. 10029

Chandos House—2 Queen Anne Street—London W1M 9LE

The Journal of General Microbiology

Edited by B. A. FRY, S. W. GLOVER,
J. R. POSTGATE and M. F. MADELIN

The Journal of General Microbiology publishes original work on algae, bacteria, microfungi, protozoa and other micro-organisms with particular emphasis on general studies of these forms and their activities. The journal is published by Cambridge University Press for the Society for General Microbiology and the Proceedings of the Society are published in appropriate issues.

The Journal of General Microbiology is published fifteen times a year. Annual subscription £30 net. Please write for a specimen copy.

CAMBRIDGE UNIVERSITY PRESS

P.O. Box 92, London, NW1 2DB

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

CONTENTS

	PAGE
IVESON, J. B. Strontium chloride B and E.E. enrichment broth media for the isolation of <i>Edwardsiella</i> , <i>Salmonella</i> and <i>Arizona</i> species from tiger snakes	323
SOBEY, W. R. AND CONNOLLY, DOROTHY. Myxomatosis: the introduction of the European rabbit flea <i>Spilopsyllus cuniculi</i> (Dale) into wild rabbit populations in Australia	331
ROSS, P. W. Beta-haemolytic streptococci in saliva	347
ROSS, P. W. Bacteriological monitoring in penicillin treatment of streptococcal sore throat	355
ROBERTS, D. H. Interaction of porcine mycoplasmas with fresh animal serum	361
HILLARY, IRENE, B. Persistence of antibody after subcutaneous vaccination with Wistar RA 27/3 rubella vaccine.	369
STOCKS, PERCY. Multiple sclerosis distribution in England and Wales and parts of Europe	373
GOODWIN, R. F. W. AND WHITTLESTONE, P. The comparative susceptibility of hysterectomy-produced, colostrum-deprived pigs and naturally born, enzootic-pneumonia-free pigs to enzootic pneumonia	391
PEREIRA, MARGUERITE S. AND CANDEIAS, J. A. N. The association of viruses with clinical pertussis	399
WAAIJ, D. VAN DER, BERGHUIS-DE VRIES, J. M. AND LEKKERKERK-VAN DER WEES, J. E. C. Colonization resistance of the digestive tract in conventional and antibiotic-treated mice	405
WENSINCK, F. AND RUSELER-VAN EMBDEN, J. G. H. The intestinal flora of colonization-resistant mice	413
HAMMOND, B. J. AND TYRRELL, D. A. J. A mathematical model of common-cold epidemics on Tristan da Cunha	423
CLOONAN, M. J., HAWKES, R. A. AND STEVENS, L. H. Postnatal decline of maternally acquired viral antibodies of different specificities	435
TSUCHIYA, Y. AND TAGAYA, I. Sero-epidemiological survey on Yaba and 1211 virus infections among several species of monkeys	445
MICHEL, M. F. AND PRIEM, CATHARINA C. Control at hospital level of infections by methicillin-resistant staphylococci in children	453
HOYLE, L. AND ALMEIDA, JUNE D. The chemical reactions of the haemagglutinins and neuraminidases of different strains of influenza viruses. III. Effects of proteolytic enzymes	461
FREESTONE, D. S., PRYDIE, J., SMITH, S. G. HAMILTON AND LAURENCE, G. Vaccination of adults with Wistar RA 27/3 rubella vaccine	471
BROTHERSTON, J. G., BANNATYNE, C. C., MATHIESON, A. O. AND NICOLSON, T. B. Field trials of an inactivated oil-adjuvant vaccine against louping-ill (Arbovirus group B)	479
MILLER, A. S. Salmonellosis in Botswana. I. Incidence in cattle	491
KNIVETT, V. A. <i>Salmonella typhimurium</i> contamination of processed broiler chickens after a subclinical infection	497