

The Journal of General Microbiology

Editors: B. C. J. G. KNIGHT and A. F. B. STANDFAST

Vol. 11, No. 2

Contents

October 1954

- FARMER, E. D. Serological subdivisions among the Lancefield H streptococci.
- YOUATT, J. B. Studies on the metabolism of *Thiobacillus thiooxydans*.
- REYNOLDS, D. M. Extracellular chitinase from a *Streptomyces* sp.
- OLITZKI, A. L. Hydrogen sulphide production by non-multiplying organisms and its inhibition by antibiotics.
- BERGERSEN, F. J. The filamentous forms of *Bacillus megaterium*.
- CHAMBERLAIN, N. and RAINBOW, C. The formation of diazizable amine and hypoxanthine by a yeast: possible implications in the biosynthesis of purines.
- PYLE, A. J. H. Some aspects of the amino acid metabolism of *Penicillium chrysogenum*.
- DI MENNA, M. E. *Cryptococcus terreus* n.sp., from soil in New Zealand.
- ERIKSON, D. Factors promoting cell-division in a 'soft' mycelial type of *Nocardia*: *Nocardia turbata* n.sp.
- ERIKSON, D. and MASSON, F. M. Modifications of micro-manipulative practice suitable for single cell isolation and cultivation of (a) aerobic and transient chain forming, (b) lipophilic, and (c) microaerophilic, bacteria.
- DAGLEY, S. Dissimilation of citric acid by *Aerobacter aerogenes* and *Escherichia coli*.
- POLSON, A. and TURNER, G. S. pH stability and purification of lumpy skin disease.
- FINCHAM, J. R. S. Effects of a gene mutation in *Neurospora crassa* relating to glutamic dehydrogenase formation.
- HILSON, G. R. F. and ELEK, S. D. A nylon tissue grinder.
- CLOWES, R. C. and ROWLEY, D. Some observations on linkage effects in genetic recombination in *Escherichia coli* K-12.
- HEWITT, L. F. Autoadaptation of bacterial viruses and its effect on bacterial variation and evolution.
- HEWITT, L. F. Mechanism of virulence transfer by bacterial viruses.
- HEWITT, L. F. The effect of certain antibiotics and other chemotherapeutic agents on lysogenicity and virulence transfer by bacterial viruses in *Corynebacterium diphtheriae*.
- SEAMAN, G. R. Pyruvate oxidation by extracts of *Tetrahymena pyriformis*.
- DEWEY, D. L. The distribution of diaminopimelic acid decarboxylase among some organisms of the coli-aerogenes group and certain other bacteria.
- ALPER, T. The inactivation of free bacteriophage by irradiation and by chemical agents.
- DONALD, H. B. and ISAACS, A. Some properties of influenza virus filaments shown by electron microscopic particle counts.

The subscription rate is 90s. net per volume of 3 parts, Single parts 35s. each, plus postage. Two volumes will be issued each year. Orders should be sent to

CAMBRIDGE UNIVERSITY PRESS
BENTLEY HOUSE, 200 EUSTON ROAD, LONDON, N.W. 1

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. XXIII. No. 90. APRIL 1954

(Vol. XLVII of the continuous series)

- Pulmonary Tuberculous Sclerosis. By JOHN DAWSON. With Plates 8 to 15.
- Water-Losing Nephritis. By N. J. ROUSSAK and S. OLESKY. With Plates 16 and 17.
- Osteomalacia in Steatorrhoea. By JOHN BADENOCH and PAUL FOURMAN.
- Salicylates in Rheumatic Fever: An Attempt to Assess their Value. By R. S. ILLINGWORTH, J. BURKE, S. A. DOXIADIS, J. LORBER, M. G. PHILPOTT and D. G. H. STONE.
- Pink Disease: The Autonomic Disorder and its Treatment with Ganglion-Blocking Agents. By B. D. BOWER. With Plate 18.
- Biological Actions and Therapeutic Applications of Nitrogen Mustard. By J. W. BEATTIE and LEONARD H. HOWELLS.

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
LACEY, B. W. A new selective medium for <i>Haemophilus pertussis</i> , containing a diamidine, sodium fluoride and penicillin. (With Plate 11 and 11 Figures in the Text)	273
GOULD, J. C. and MCKILLOP, ELIZABETH J. The carriage of <i>Staphylococcus pyogenes</i> var. <i>aureus</i> in the human nose	304
LENNOX, MARY, HARVEY, R. W. S. and THOMSON, SCOTT. An outbreak of food poisoning due to <i>Salmonella typhi-murium</i> with observations on the duration of infection. (With 1 Figure in the Text)	311
TRIBE, D. E. Observations on the feeding behaviour of rats and chicks deficient in vitamin E	315
FENNER, FRANK and MARSHALL, I. D. Passive immunity in myxomatosis of the European rabbit (<i>Oryctolagus cuniculus</i>): the protection conferred on kittens born by immune does. (With 1 Figure in the Text)	321
MYERS, K., MARSHALL, I. D. and FENNER, FRANK. Studies in the epidemiology of infectious myxomatosis of rabbits. III. Observations on two succeeding epizootics in Australian wild rabbits on the Riverine Plain of south-eastern Australia 1951-1953. (With Plates 12 and 13, and 4 Figures in the Text)	337
SPICER, C. C. The generation method of analysis applied to mortality from respiratory tuberculosis. (With 2 Figures in the Text)	361
PARNELL, R. W. The physique of Oxford undergraduates. Relationship with weight variation, schooling and habits	369
BARR, MOLLIE, GLENNY, A. T. and STEVENS, MURIEL F. The combination of antitoxin with toxin and toxoid. (With 4 Figures in the Text)	379
LIM, K. A. A nomogram for 50% end-point interpolation. (With 1 Figure in the Text)	397
BAILEY, NORMAN T. J. Maximum-likelihood estimation of the relative removal rate from the distribution of the total size of an intra-household epidemic	400
LOWBURY, E. J. L. and FOX, JEAN. The epidemiology of infection with <i>Pseudomonas pyocyanea</i> in a burns unit	403
MARTIN, W. J. The age-specific death-rates in England and Wales. (With 1 Figure in the Text)	417

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 paper free. Additional copies may be had at cost price: these should be ordered when the final proof is returned.

The subscription price is £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.