

NOW WITH A REDUCED RATE SUBSCRIPTION FOR INDIVIDUALS

Immunology and Infectious Diseases

EDITOR-IN-CHIEF: R K Chandra, *Janeway Child Health Centre, Newfoundland, Canada*

Assisted by a distinguished International Editorial Board

New experimental techniques in the related fields of immunity and infection have created a sudden vast increase in knowledge of the immune system and infectious agents and their interconnection. This in turn has led to the need for a reliable outlet in order that others profit from this information.

Immunology and Infectious Diseases provides the answer, covering such topics as:

- Immunoregulation
- Immunosurveillance
- Ecology and epidemiology of infections
- Microbial virulence factors
- Functions of immunocompetent cells
- Cytokines and other mediators of immune responses

The Editors invite submission of research papers. Sample copies, which include Instructions for Authors, are available on request.

RECENT PAPERS INCLUDE:

REVIEW PAPER

Prospects for a respiratory syncytial virus vaccine *D Isaacs*

RESEARCH PAPERS

A working classification of immunodeficiency and associated infections for the clinician
A Finn, S Strobel, G Morgan, S Singh, A Cant and R J Levinsky

Salivary IgA antibody in periodontal diseases: a case-controlled study
H-Y Wang, J L Ebersole, D J Smith and M A Taubman

Induction of cytokines by peroxidases *in vivo*
K C Mills, D L Lefkowitz, C D Morgan and S S Lefkowitz

Tumour necrosis factor and disease severity during systemic fungal infections
S Picot, J P Vulliez, F Peyron, B Lebeau, C Legeais, P Ambroise-Thomas and R Grillot

TNF-Alpha immune complexes in sputum and serum from patients with cystic fibrosis and chronic *Pseudomonas aeruginosa* lung infection
G Kronborg, A Fomsgaard, G H Shand, S Lannig, M B Hansen and T Pressier

Presence of PAF-acether in stool of patients with bacterial but not with viral or parasitic diarrhea
Y Denizot, S Chaussade, D de Boissieu, C Dupont, N Nathan, J Benveniste, D Coutourier

VOLUME 3 (4 ISSUES IN 1993) ISSN 0959-4957
SUBSCRIPTION RATES INSTITUTIONAL US\$361.00/£190.00
INDIVIDUAL US\$140.00/£75.00

NB: BACK VOLUMES ARE AVAILABLE TO INSTITUTIONS AT 25% DISCOUNT

Subscription prices include delivery charges. Payment is accepted using American Express, MasterCard, Visa or Diners Club. For individual subscriptions we accept personal cheques or credit cards only. Cheques or money orders should be made payable to *Rapid Communications of Oxford Ltd.*

• For free sample copies, further information, Instructions to Authors, or to order, contact:
Rapid Communications of Oxford Ltd, The Old Malthouse, Paradise Street, Oxford, OX1 1LD, UK. Tel: (+44) 865 790447; Fax: (+44) 865 244012/793533.

Rapid
Communications
of Oxford
PUBLISHERS

C A
B S Too busy to read all the journals in your field of research?

C A
B S Not enough time to scan other weekly current contents services?

C A
B S Tired of paying out for extra information that you don't need?

TRY

Current Advances in

Applied Microbiology & Biotechnology

CURRENT ADVANCES IN APPLIED MICROBIOLOGY & BIOTECHNOLOGY is a focussed monthly contents service which is fast, comprehensive and easy-to-use. It gives you full bibliographic information on the most current literature being published in your field of research.

- Over 1,400 scientific reference journals scanned each month.
- On average over 12,000 titles retrieved every twelve months.
- A unique categorized classification scheme.
- Fully cross-referenced with a user-friendly format.
- Compiled by a team of specialized scientific editors.
- Author's address given with each paper.

PUBLISHED MONTHLY - this publication provides a timely and manageable service without flooding you with weekly updates.

MORE COVERAGE AT LESS COST - because coverage is focussed, we have been able to keep the price low. A personal subscription to *Current Advances in Applied Microbiology & Biotechnology* costs only £55.00 / US\$86.00*

Sterling price quoted applies worldwide. *US dollar price quoted is for convenience only and is subject to exchange rate fluctuation

If you research into any of the following subjects:-

- Culture selection and improvement
- Expression systems
- Process design and equipment
- Growth and product formation kinetics
- Downstream processing
- Microbial biotechnology
- Enzyme biotechnology
- Plant biotechnology
- Animal biotechnology
- Biosensors
- Monitoring of released organisms
- Microbial metabolism and physiology
- Nitrogen fixation
- Secondary metabolism
- Microbial symbioses and other interactions
- Microbial diseases and parasites
- Plant pathology
- Biological control
- Water quality and sanitation
- Food microbiology
- Microbial ecology
- Environmental molecular biology
- Biodegradation of xenobiotics
- Biodeterioration
- Methods and techniques

.... then this is the product for you!

Please send me a **FREE** sample copy of *Current Advances in Applied Microbiology & Biotechnology* (00737)

NAME _____

ADDRESS _____

POST/ZIP CODE _____



PERGAMON PRESS

Headington Hill Hall, Oxford OX3 0BW, UK
660 White Plains Road, Tarrytown, NY 10591-5153, USA
A member of the Elsevier Science Publishing Group



CB3A38

Page 2

Continued from back cover

The haemagglutinins of influenza A (H1N1) viruses in the 'O' or 'D' phases exhibit biological and antigenic differences	
Azzi, A., Bartolomei-Corsi, O., Zakrzewska, K., Corcoran, T., Newman, R., Robertson, J. S., Yates, P. and Oxford, J. S.	135
Signs and symptoms in common colds	
Tyrell, D. A. J., Cohen, S. and Schlarb, J. E.	143
Outbreak of SRSV gastroenteritis at an international conference traced to food handled by a post-symptomatic caterer	
Patterson, T., Hutchings, P. and Palmer, S.	157
Dengue epidemic in the state of Rio de Janeiro, Brazil, 1990-1: co-circulation of dengue 1 and dengue 2 serotypes	
Nogueira, R. M. R., Miagostovich, M. P., Lampe, E., Souza, R. W., Zagne, S. M. O. and Schatzmayr, H. G.	163
The clinical spectrum of human hantavirus infection in Somerset, UK	
Pether, J. V. S. and Lloyd, G.	171
Book review. Hospital Infection Control. Setting up a Cost-effective Programme	177
Book review. Geographical and Environmental Epidemiology: Methods for Small-Area Studies	177
Book review. Teaching Epidemiology. What you should know and what you could do	178
Book review. Viral Infections. Contemporary Issues in Infectious Diseases	179
Book review. A Colour Atlas of Medical Entomology	179
Notes for Contributors	

Cambridge University Press

The Pitt Building, Trumpington Street, Cambridge CB2 1RP
40 West 20th Street, New York, NY 10011-4211, USA
10 Stamford Road, Oakleigh, Melbourne, 3166, Australia

© Cambridge University Press 1993

Printed in Great Britain by the University Press, Cambridge

Epidemiology and Infection

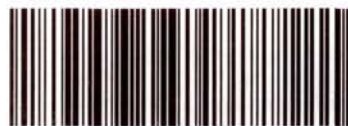
Original reports and reviews on all aspects of
infection of man and animals

CONTENTS

Special Article. Interrelationships between strains of <i>Salmonella enteritidis</i> Threlfall, E. J. and Chart, H.	1
<i>Mycobacterium bovis</i> in the European badger (<i>Meles meles</i>): epidemiological findings in tuberculous badgers from a naturally infected population Clifton-Hadley, R. S., Wilesmith, J. W. and Stuart, F. A.	9
Protective efficacy of BCG vaccine against leprosy in southern Malawi Baker, D. M., Nguyen-Van-Tam, J. S. and Smith, S. J.	21
Acquisition and invasiveness of different serotypes of <i>Streptococcus pneumoniae</i> in young children Smith, T., Lehmann, D., Montgomery, J., Gratten, M., Riley, I. D. and Alpers, M. P.	27
Age-specific efficacy of pertussis vaccine during epidemic and non-epidemic periods Ramsay, M. E. B., Farrington, C. P. and Miller, E.	41
High prevalence of thermostable direct hemolysin (TDH)-like toxin in <i>Vibrio mimicus</i> strains isolated from diarrhoeal patients Uchimura, M., Koiwai, K., Tsuruoka, Y. and Tanaka, H.	49
Outbreak of nosocomial infections with two different MRSA-strains involved: significance of genomic DNA fragment patterns in strains otherwise difficult to type Cuny, C., Schassan, H.-H. and Witte, W.	55
Social and geographical risk factors in <i>Helicobacter pylori</i> infection Whitaker, C. J., Dubiel, A. J. and Galpin, O. P.	63
Comparison of multilocus enzyme electrophoresis (MEE), ribotyping, restriction enzyme analysis (REA) and phage typing for typing of <i>Listeria monocytogenes</i> Norrung, B. and Gerner-Smidt, P.	71
A miniaturized biotyping system for strain discrimination in <i>Escherichia coli</i> Crichton, P. B., Logan, J. M. J. and Old, D. C.	81
An analysis of the diversity of <i>Haemophilus parainfluenzae</i> in the adult human respiratory tract by genomic DNA fingerprinting Kerr, G. R. D., Forbes, K. J., Williams, A. and Pennington, T. H.	89
Comparison of serotype, biotype and bacteriocin types with rDNA RFLP patterns for the type identification of <i>Serratia marcescens</i> Alonso, R., Aucken, H. M., Perez-Diaz, J. C., Cookson, B. D., Baquero, F. and Pitt, T. L.	99
Levels of anti-pneumococcal antibodies in young children in Papua New Guinea Pomat, W. S., Smith, T. A., Sanders, R. C., Witt, C. S., Montgomery, J., Lehmann, D. and Alpers, M. P.	109
Factors associated with <i>Paracoccidioides brasiliensis</i> infection among permanent residents of three endemic areas in Colombia Cadavid, D. and Restrepo, A.	121

Continued inside back cover

CAMBRIDGE
UNIVERSITY PRESS



0950-2688(199308)111:1;1-V