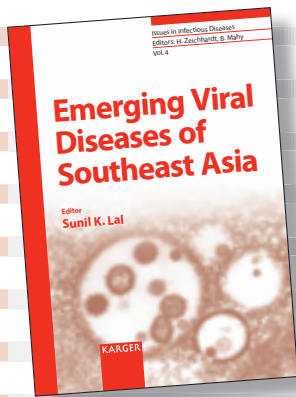


Discusses approaches to face the threat of future pandemics



Emerging Viral Diseases of Southeast Asia

Editor: Sunil K. Lal, New Delhi

Contents

Foreword
Lal, S.K.

The Singapore Contribution
in the Battle against Severe Acute
Respiratory Syndrome
Fielding, B.C.; Tan, Y.-J.

Avian Influenza in Thailand
Puthavathana, P.; Auewarakul, P.;
Buranathai, C.; Aungtragoolsuk, N.;
Kitphati, R.; Chotpithayasunondh, T.

Emerging Viral Diseases of
Fish and Shrimp
Wang, M.; Lin, X.; Ma, G.; Bai, X.

Avian Influenza H5N1 Virus:
An Emerging Global Pandemic
Lal, S.K.; Chow, V.T.K.

Henipaviruses: New Threats for
Southeast Asia and Australia
McCormack, J.; Smith, G.

Ross River Virus: An Arthritogenic
Alphavirus of Significant Importance
in the Asia Pacific
Tupanceska, D.; Zaid, A.; Rulli, N.E.;
Thomas, S.; Lidbury, B.A.; Matthaei, K.I.;
Ramirez, R.; Mahalingam, S.

Emerging and Re-Emerging Infectious
Diseases in Our Global Village
Heymann, D.L.

The Role of a Pathology Laboratory in
SARS and Other Emerging Infections
Nicholls, J.; Peiris, J.S.M.

The Fight against Emerging Viral
Diseases in Asia
Lam, S.K.

Author Index
Subject Index

Southeast Asia has been the breeding ground for many emerging diseases in the past decade, e.g. the avian flu (H5N1) in Hong Kong in 1997, Nipah virus encephalitis in Malaysia in 1998, and, above all, the SARS outbreak in Southern China in 2002. Risk factors contributing to this situation include being economically disadvantaged, sub-standard health care, changes in ecosystems, poor farming practices, but also increasing global travel and tourism. Currently, H5N1 is considered one of the greatest dangers to humans due to its wide host range, rapid mutation rate and increasing virulence – a global pandemic seems almost unavoidable.

In this book, leading experts discuss the threat posed by emerging viruses and describe ongoing efforts to face future outbreaks by searching for new antivirals, developing new vaccines, and improving methods of diagnosis and surveillance. Viruses under consideration include SARS coronavirus, avian influenza virus H5N1, henipaviruses, Ross River virus, and viruses causing diseases in fish and shrimp. Because of a lack of infrastructure and trained manpower in Southeast Asia, these countries depend on international collaboration, funding and technical assistance to strengthen regional expertise in their fight against emerging diseases.

Primarily aimed at scientists and medical doctors, this book will also be of interest to policy makers, governmental and non-governmental organizations and anyone who is concerned with public health and epidemiology.

Fields of interest:
Infectious Diseases, Microbiology,
Virology, Molecular Biology,
Public Health, Epidemiology, Evolution

www.karger.com/iifnd

Issues in Infectious Diseases, Vol. 4
Emerging Viral Diseases of Southeast Asia
Editor: Lal, S.K. (New Delhi)
X + 150 p.; 17 fig., 1 in color, 7 tab.,
hard cover, 2007
CHF 172.– / EUR 123.– / USD 156.00
ISBN-10: 3-8055-8175-0
ISBN-13: 978-3-8055-8175-2

Prices subject to change
EUR price for Germany, USD price for USA only

KARGER

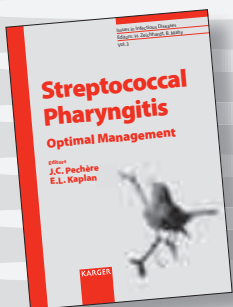
The book series

Issues in Infectious Diseases

Series Editors:

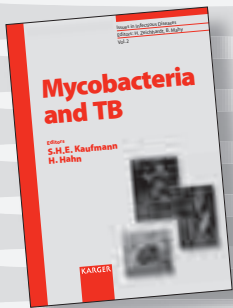
Zeichhardt, H. (Berlin); Mahy, B.W.J. (Atlanta, Ga.)

This series presents original data and reviews the latest clinical information on infectious diseases of bacterial, viral, fungal and parasitic origin. Covering epidemiology, pathogenesis, prevention and treatment, it also considers the latest diagnostic techniques, evaluates new antimicrobial drugs and reports recent advances in vaccine development. As infections involve almost all branches of medicine, books published in this series represent a valuable source of information for a wide spectrum of clinicians and health care professionals.



Vol. 3: Streptococcal Pharyngitis Optimal Management

Editors: Pechère, J.C. (Geneva);
Kaplan, E.L. (Minneapolis, Minn.)
XII + 220 p., 12 fig., 1 in color, 54 tab., hard cover, 2004
Special price:
CHF 79.- / EUR 56.50 / USD 74.00
ISBN-10: 3-8055-7602-1
ISBN-13: 978-3-8055-7602-4



Vol. 2: Mycobacteria and TB

Editors: Kaufmann, S.H.E.; Hahn, H. (Berlin)
X + 156 p., 16 fig., 1 in color, 11 tab., hard cover, 2003
CHF 169.- / EUR 120.50 / USD 147.00
ISBN-10: 3-8055-7459-2
ISBN-13: 978-3-8055-7459-4

'Chapters are extremely clearly written, and many (importantly) contain a historical perspective as well as describing the current state of knowledge.... I recommend this unreservedly as a primer on tuberculosis, and will use it myself for reference.'

MICROBIOLOGY TODAY, Vol. 30, Aug. 2003

For more information, please visit

www.karger.com/iinfid

KARGER

Order Form

Issues in Infectious Diseases

Please send:

___ copy/ies: **Emerging Viral Diseases
of Southeast Asia**
CHF 172.- / EUR 123.- / USD 156.00
ISBN-10: 3-8055-8175-0
ISBN-13: 978-3-8055-8175-2

___ copy/ies: _____

ISBN: _____

the book series **Issues in Infectious Diseases**
on continuation beginning with vol. ___

All Karger series are available on continuation.
Each new volume will be sent upon
publication until order is countermanded.

For easy ordering or information
about other Karger publications log on to:
www.karger.com

Postage and handling free with prepayment

Payment

Check enclosed Please bill me

Please charge this order to my credit card

American Express Diners Visa
 Eurocard MasterCard

Card No.: _____

Exp. date: _____

Name/Address (please print): _____

Date / Signature: _____

Orders can be placed at agencies, bookstores, directly with
the publisher, or with any Karger distributor.

S. Karger AG, P.O. Box, 4009 Basel (Switzerland)
Fax +41 61 306 12 34, E-Mail orders@karger.ch
USA: S. Karger Publishers, Inc., 26 West Avon Road, P.O. Box
529, Farmington, CT 06085 (USA), Toll free: 1-800-828-5479
Germany: S. Karger GmbH, 79095 Freiburg
France: Librairie Médi-sciences, 75007 Paris
Gulf Council Countries, Iran, Middle East, North Africa,
Turkey: Trans Middle East Internat. Distribution Co. Ltd.,
KaSha, Amman 11953 (Jordan)
Japan: Karger Japan, Inc., Tokyo 113-0034

For details and further representatives and agencies see
www.karger.com/worldwide

To be ordered through: