

# Thorax

The Journal of the British Thoracic Society

A Registered Charity

President: Brian H R Stack

## Executive editors

J R Britton  
A J Knox

## Associate editors

N C Barnes  
S Elborn  
J M FitzGerald  
J A Fleetham  
N M Foley  
S W Fountain  
I Hall  
B G Higgins  
J R Lamb  
S A Lewis  
P D Sly  
D P Strachan  
W Wedzicha

## Editorial assistants

Laura Lee  
Hilary Hughes

## Technical editor

Elizabeth Stockman

## Editorial board

J H Alpers, Australia  
N Ambrosino, Italy  
J N Baraniuk, USA  
P J Barnes, UK  
E D Bateman, South Africa  
R Beasley, New Zealand  
L Brochard, France  
A S Buist, USA  
P S Burge, UK  
E R Chilvers, UK  
T Coleman, UK  
D B Coultas, USA  
S-E Dahlen, Sweden  
R J O Davies, UK  
P-P B Ernst, Canada  
T W Evans, UK  
A J Frew, UK  
D M Geddes, UK  
P Goldstraw, UK  
Q A Hamid, Canada  
J C Hogg, Canada  
S T Holgate, UK  
S Johnston, UK  
G J Laurent, UK  
P Le Souëf, Australia  
B J Lipworth, UK  
D A Lomas, UK  
F D Martinez, USA  
D M Mitchell, UK  
A Morice, UK  
S Nagai, Japan  
S Nava, Italy  
R Panettieri, USA  
M R Partridge, UK  
A J Peacock, UK  
C Persson, Sweden  
T A E Platts-Mills, USA  
G Raghu, USA  
G Rizzato, Italy  
D F Rogers, UK  
R M Rudd, UK  
B Schönhofer, Germany  
T Sethi, UK  
S O Shaheen, UK  
C M Smith, USA  
K R Smith, USA  
T Tetley, UK  
M J Tobin, USA  
A Torres, Spain  
E von Mutius, Germany  
E H Walters, Australia  
S T Weiss, USA  
A Wells, New Zealand  
M Whyte, UK  
A A Woodcock, UK  
M Woodhead, UK  
Editor, *BMJ*

## Instructions to authors

Full instructions are available online at [www.thoraxjnl.com/misc/ifora.shtml](http://www.thoraxjnl.com/misc/ifora.shtml)  
If you do not have web access please contact the editorial office:  
Executive Editors  
Thorax Editorial Office  
Division of Respiratory Medicine  
City Hospital, Nottingham NG5 1PB, UK  
Telephone +44 (0)115 840 4768  
Fax +44 (0)115 840 4767  
Email: [thorax@bmjgroup.com](mailto:thorax@bmjgroup.com)

## Subscription information

See page ii

## Copyright

© 2002 *Thorax*. All rights reserved; no part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise without the prior permission of *Thorax*  
Authors are required to grant *Thorax* an exclusive licence to publish; further details available online at [www.thoraxjnl.com/misc/ifora.shtml](http://www.thoraxjnl.com/misc/ifora.shtml)

- Thorax is published by BMJ Publishing Group and printed in UK on acid free paper by Cambrian Printers, Aberystwyth
- Periodicals postage paid, Rahway, NJ. Postmaster: send address changes to: *Thorax*, c/o Mercury Airfreight International Ltd, 365 Blair Road, Avenel, NJ 07001, USA



See p 637



See p 627

## contents THORAX

Volume 57 Number 7 July 2002

## Editorials

- 565 How prevalent is aspirin induced asthma?  
*A J Knox*
- 566 Is there more than one inflammatory phenotype in asthma?  
*R A O'Donnell, A J Frew*

## Original articles

- 569 The prevalence of aspirin intolerant asthma (AIA) in Australian asthmatic patients  
*H Vally, M L Taylor, P J Thompson*
- 575 Contrasting effects of allergen challenge on airway responsiveness to cysteinyl leukotriene D<sub>2</sub> and methacholine in mild asthma  
*R I Ketchell, M D'Amato, M W Jensen, B J O'Connor*
- 581 Association of body mass index with the development of methacholine airway hyperresponsiveness in men: the Normative Aging Study  
*A A Litonjua, D Sparrow, J C Celedon, D DeMolles, S T Weiss*
- 586 Nitric oxide in chronic airway inflammation in children: diagnostic use and pathophysiological significance  
*I Narang, R Ersu, N M Wilson, A Bush*
- 590 Increased levels of the chemokines GRO $\alpha$  and MCP-1 in sputum samples from patients with COPD  
*S L Traves, S V Culpitt, R E K Russell, P J Barnes, L E Donnelly*
- 596 Relationship between nutritional status and lung function in cystic fibrosis: cross sectional and longitudinal analyses from the German CF quality assurance (CFQA) project  
*G Steinkamp, B Wiedemann, on behalf of the German CFQA Group*
- 602 Prevalence of sleep apnoea and snoring in hypertensive men: a population based study  
*C Sjöström, E Lindberg, A Elmasry, A Hägg, K Svärdsudd, C Janson*
- 608 Mid term effects of pulmonary thromboendarterectomy on clinical and cardiopulmonary function status  
*M C Zoia, A M D'Armini, M Beccaria, A Corsico, P Fulgoni, C Klersy, F Piovello, M Viganò, I Cerveri, on behalf of the Pavia Thromboendarterectomy Group*
- 613 Diaphragm plication following phrenic nerve injury: a comparison of paediatric and adult patients  
*D A Simansky, M Paley, Y Refaely, A Yellin*
- 617 Molecular epidemiology of tuberculosis in London 1995–7 showing low rate of active transmission  
*H Maguire, J W Dale, T D McHugh, P D Butcher, S H Gillespie, A Costetsos, H Al-Ghusein, R Holland, A Dickens, L Marston, P Wilson, R Pitman, D Strachan, F A Drobniewski, D K Banerjee*
- 623 Raised plasma concentrations of  $\alpha$ -defensins in patients with idiopathic pulmonary fibrosis  
*H Mukae, H Iiboshi, M Nakazato, T Hiratsuka, M Tokojima, K Abe, J Ashitani, J Kadota, S Matsukura, S Kohno*

- 629 P-selectin upregulation in bleomycin induced lung injury in rats: effect of N-acetyl-L-cysteine *A Serrano-Mollar, D Closo, J Cortijo, E J Morcillo, N Prats, M Gironella, J Panés, J Roselló-Catafau, O Bulbena*

**Review series**

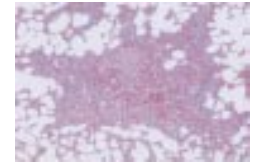
- 635 The pulmonary physician in critical care • 7: Ventilator induced lung injury *T Whitehead, A S Slutsky*

**Occasional reviews**

- 643 Non-eosinophilic asthma: importance and possible mechanisms *J Douwes, P Gibson, J Pekkanen, N Pearce*
- 649 Evolving concepts on the value of adenosine hyperresponsiveness in asthma and chronic obstructive pulmonary disease *R Polosa, S Rorke, S T Holgate*

**Case report**

- 655 Pulmonary sarcoidosis and the acute respiratory distress syndrome (ARDS) *F Sabbagh, C Gibbs, L S Efferen*



See p 632

**Letters to the editor**

- 657 BTS guidelines on CAP *I M Gould*
- 657 Transudates and exudates *S J Quantrill, L Dabal, J Joseph, P Badrinath, G S Basran, S A Sahn*
- 658 *Mycobacterium xenopi* *J Salazar-Schicchi, S A Nachman, C Bachmeyer, S Stelianides, L Blum*

**Notice**

- 658 Pharmacology of Asthma



See p 656

**Corrections**

- 658 Critical care training in Spain
- 658 Low dose of inhaled steroids and prevention of asthma death