

President: Dr Ian Campbell

## Editor-in-Chief

J A Wedzicha, London, UK

## Editors

S Johnston, London, UK  
D Mitchell, London, UK

## Associate Editors

J S Elborn, Belfast, N Ireland  
J M FitzGerald, Vancouver, Canada  
J A Fleetham, Vancouver, Canada  
N M Foley, Bath, UK  
S W Fountain, London, UK  
I Hall, Nottingham, UK  
B G Higgins, Newcastle, UK  
J R Lamb, Edinburgh, UK  
D A Lomas, Cambridge, UK  
C Robertson, Melbourne, Australia  
B Schonhofer, Hanover, Germany  
D P Strachan, London, UK

## Statistical editor

S A Lewis, Nottingham, UK

## North America editor

F Martinez, Arizona, USA

## Asia-Pacific editor

G I Town, Christchurch, New Zealand

## Web editors

T Seemungal, London, UK  
A Bhowmik, London, UK

## Managing editor

Susan King

## Editorial assistant

Edward Howard

## Technical editor

Elizabeth Stockman

## International advisory board

N Ambrosino, Italy	A Morice, UK
J N Baraniuk, USA	A Papi, Italy
P J Barnes, UK	R Panettieri, USA
C R W Beasley, New Zealand	N G Papadopoulos, Greece
J R Britton, UK	M R Partridge, UK
A S Buist, USA	M G Pearson, UK
P M A Calverley, UK	T A E Platts Mills, USA
E R Chilvers, UK	L Restrick, UK
S-H Cho, Korea	D S Robinson, UK
S-E Dahlen, Sweden	R M Rudd, UK
M W Elliott, UK	T Sethi, UK
Y Fukuchi, Japan	S O Shaheen, UK
D M Geddes, UK	A K Simonds, UK
P Goldstraw, UK	P Sliwinski, Poland
R Goldstein, Canada	R A Stockley, UK
C Griffiths, UK	J K Stoller, USA
J C Hogg, Canada	M Tobin, USA
S T Holgate, UK	A Torres, Spain
P Hopewell, USA	J Vestbo, Denmark
C K W Lai, China	E H Walters, Australia
G J Laurent, UK	S T Weiss, USA
A Kendrick, UK	A Wells, UK
T King, USA	J W Wilson, Australia
A J Knox, UK	A A Woodcock, UK
P LeSouef, Australia	M Woodhead, UK
W MacNee, UK	R Zuwallack, USA
C Maysaud, France	Editor, <i>BMJ</i>

## Instructions to authors

Full instructions are available online at [www.thoraxjnl.com/misc/fora.shtml](http://www.thoraxjnl.com/misc/fora.shtml). If you do not have web access please contact the editorial office: Thorax Editorial Office, 17 Doughty Street, London WC1N 2PL, UK. Telephone: +44 (0)20 7269 5793; Fax: +44 (0)20 7269 5794 Email: [thorax@bmjgroup.com](mailto:thorax@bmjgroup.com)

## Subscription information

See page ii

## Copyright

© 2003 BMJ Publishing Group and British Thoracic Society. 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/fora.shtml](http://www.thoraxjnl.com/misc/fora.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 765

**NEW**  
**ONLINE**  
**SUBMISSION**  
**GO TO**  
**WEBSITE**  
**TO SUBMIT YOUR**  
**MANUSCRIPT**



[www.publicationethics.org.uk](http://www.publicationethics.org.uk)

This journal is a member of and subscribes to the principles of the Committee on Publication Ethics

## Editorials

- 739 Eat well to get well *E F M Wouters*
- 741 Peripheral muscle weakness in COPD: where does it come from? *M I Polkey*
- 742 Measurement of lung function in preschool children using the interrupter technique *P D Sly, E Lombardi*

## Chronic obstructive pulmonary disease

- 745 Nutritional enhancement of exercise performance in chronic obstructive pulmonary disease: a randomised controlled trial *M C Steiner, R L Barton, S J Singh, M D L Morgan*
- 752 Muscle force during an acute exacerbation in hospitalised patients with COPD and its relationship with CXCL8 and IGF-I *M A Spruit, R Gosselink, T Troosters, A Kasran, G Gayan-Ramirez, P Bogaerts, R Bouillon, M Decramer*

## Asthma

- 757 Increased circulating 92 kDa matrix metalloproteinase (MMP-9) activity in exacerbations of asthma *Y Oshita, T Koga, T Kamimura, K Matsuo, T Rikimaru, H Aizawa*

## Respiratory physiology

- 761 Short and long term variability of the interrupter technique under field and standardised conditions in 3–6 year old children *R M J Beelen, H A Smit, R T van Strien, L P Koopman, J E Brussee, B Brunekreef, J Gerritsen, P J F M Merkus*

## Interstitial lung disease

- 765 Short course dexamethasone treatment following injury inhibits bleomycin induced fibrosis in rats *W A Dik, R J McAnulty, M A Versnel, B A E Naber, L J I Zimmermann, G J Laurent, S E Mutsaers*

## Airway biology

- 772 TGF- $\beta_1$  causes airway fibrosis and increased collagen I and III mRNA in mice *N J Kenyon, R W Ward, G McGrew, J A Last*
- 778 Inhibition of MMP-9 expression by PPAR $\gamma$  activators in human bronchial epithelial cells *M Hetzel, D Walcher, M Grüb, H Bach, V Hombach, N Marx*

## Lung cancer

- 784 Screening for lung cancer: a systematic review and meta-analysis of controlled trials *R L Manser, L B Irving, G Byrnes, M J Abramson, C A Stone, D A Campbell*

## Smoking

- 790 Lack of association of group specific component haplotypes with lung function in smokers *I Kasuga, P D Paré, J Ruan, J E Connett, N R Anthonisen, A J Sandford*

**Cystic fibrosis**

- 794 Survey of resistance of *Pseudomonas aeruginosa* from UK patients with cystic fibrosis to six commonly prescribed antimicrobial agents *T L Pitt, M Sparrow, M Warner, M Stefanidou*

**Thoracic surgery**

- 797 Atrial septostomy in the treatment of severe pulmonary arterial hypertension *F Reichenberger, J Pepke-Zaba, K McNeil, J Parameshwar, LM Shapiro*

**Short paper**

- 801 Caffeine levels following treatment of obstructive sleep apnoea *G V Robinson, J C Pepperell, R J O Davies, J R Stradling*

**Review series**

- 803 Chronic obstructive pulmonary disease • 12: New treatments for COPD *P J Barnes*
- 809 Lung cancer • 8: Management of malignant mesothelioma *C Parker, E Neville*
- 814 The pulmonary physician in critical care • Illustrative case 7: Assessment and management of massive haemoptysis *J L Lordan, A Gascoigne, P A Corris*
- 820 The pulmonary physician in critical care • Illustrative case 8: Acute respiratory failure following lung resection *E Beddow, P Goldstraw*

**Case report**

- 823 Eosinophilic "empyema" associated with crack cocaine use *D H Strong, J Y Westcott, J A Biller, J L Morrison, R M Effros, J P Maloney*

**Letters to the editor**

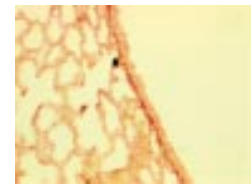
- 825 Usefulness of GOLD classification of COPD severity *D Köhler, J Fischer, F Raschke, B Schönhofer*
- 825 Sahaja yoga in asthma *R Manocha*
- 826 Homeopathy in childhood asthma *A M Li, A Bush, N M Wilson; F Dantas; S B Brien, G Lewith; P Fisher, K Chatfield, R Mathie; R Leckridge; A White*

**Book review**

- 828 Statistics in Clinical Practice *T Seemungal*

**Miscellanea**

- 751 Lung alert: Can limited pulmonary resection replace lobectomy for small sized lung cancer? *T J Warke*
- 760 Lung alert: Food allergy may predict life threatening asthma in children *D Shaw*
- 771 Lung alert: Radiofrequency ablation of lung cancer *P Bhatia*
- 789 Lung alert: Integrated PET-CT improves accuracy in staging of NSCLC compared with PET and CT alone *K Ryanna*
- 802 Lung alert: Exposure to nitrogen dioxide may be associated with severity of virus related asthma exacerbations *G P Currie*
- 822 Lung alert: Cinema smoking encourages the habit in adolescents *A Rajasekaran*



See p 772