

resident: Dr Ian Campbell

litor-in-Chief

A Wedzicha, London, UK

Johnston, London, UK

Mitchell, London, UK

sociate Editors Elborn, Belfast, N Ireland

M FitzGerald, Vancouver, Canada A Fleetham, Vancouver, Canada M Foley, Bath, UK W Fountain, London, UK

Hall, Nottingham, UK

G Higgins, Newcastle, UK R Lamb, Edinburgh, UK

A Lomas, Cambridge, UK Robertson, Melbourne, Australia Schonhofer, Hanover, Germany

P Strachan, London, UK

atistical editor

A Lewis, Nottingham, UK

orth America editor

Martinez, Arizona, USA sia-Pacific editor

I Town, Christchurch, New Zealand

Seemungal, London, UK

Bhowmik, London, UK

anaging editor

isan King

ditorial assistant dward Howard

echnical editor izabeth Stockman

ternational advisory board

A Morice, UK

A Papi, Italy R Panettieri, USA

N G Papadopoulos, Greece M R Partridge, UK

M G Pearson, UK T A E Platts Mills, USA L Restrick, UK

D S Robinson, UK R M Rudd, UK

S O Shaheen, UK

R A Stockley, UK J K Stoller, USA M Tobin, USA

A Torres, Spain J Vestbo, Denmark E H Walters, Australia

S T Weiss, USA A Wells, UK J W Wilson, Australia

A A Woodcock, UK M Woodhead, UK R Zuwallack, USA

Editor, BMJ

A K Simonds, UK P Sliwinski, Poland

T Sethi, UK

Ambrosino, Italy N Baraniuk, USA

J Barnes, UK

R W Beasley, New Zealand R Britton, UK

M A Calverley, UK R Chilvers, UK

H Cho, Korea

E Dahlen, Sweden W Elliott, UK

Fukuchi, Japan

M Geddes, UK Goldstraw, UK

Goldstein, Canada

Griffiths, UK C Hogg, Canada

T Holgate, UK

Hopewell, USA K W Lai, China

Kendrick, UK

King, USA J Knox, UK

LeSouef, Australia

MacNee, UK

Mayaud, France nstructions to authors

ull instructions are available online at www.thoraxjnl.com/ nisc/ifora.shtml. If you do not have web access please contact ne editorial office: Thorax Editorial Office, 17 Doughty Street, ondon WC1N 2PL, UK.

elephone: +44 (0)20 7269 5793; Fax: +44 (0)20 7269 5794 mail: thorax@bmjgroup.com

ubscription information

ee page ii

2003 BMJ Publishing Group and British Thoracic Society. All ights reserved; no part of this publication may be reproduced, tored in a retrieval system, or transmitted in any form or by ny means, electronic, mechanical, photocopying, recording, or therwise without the prior permission of *Thorax* authors are required to grant *Thorax* an exclusive licence to sublish; further details available online at www.thoraxjnl.com/ picciffora shrul

nisc/ifora.shtml

Thorax is published by BMJ Publishing Group and printed in UK on acid free paper by Cambrian Printers, Aberystwyth

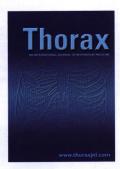
Periodicals postage paid, Rahway, NJ. Postmaster: send address changes to: *Thorax*, c/o Mercury Airfreight International Ltd, 365 Blair Road, Avenel, NJ 07001, USA

FN Na Bulovce Středisko vědeckých informací 180 81 Praha 8, Budínova 2

ABE 205

contents THORAX

Volume 58 Number 9 September 2003



See p 765

Editorials

- 739 Eat well to get well E F M Wouters
- Peripheral muscle weakness in COPD: where 741 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

- 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



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

Respiratory physiology

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

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

Lung cancer

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

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





www.publicationethics.org.uk

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

contents THORAX

Volume 58 Number 9 September 2003

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

- Chronic obstructive pulmonary disease 12: New treatments for COPD PJ 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

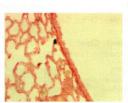
- 825 Usefulness of GOLD classification of COPD severity D Köhler, J Fischer, F Raschke, B Schönhofer
- 825 Sahaja yoga in asthma R Manocha
- 826 Homeopathy in childhood asthma A M Li, A Bush, N M Wilson; F Dantas; S B Brien, G Lewith; P Fisher, K Chatfield, R Mathie; R Leckridge; A White

Book review

828 Statistics in Clinical Practice T Seemungal

Miscellanea

- 751 Lung alert: Can limited pulmonary resection replace lobectomy for small sized lung cancer? *TJ 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