CONTENTS
VOLUME 38 / NUMBER 6 / DECEMBER 2011

IN MEMORIAM
1243 Prof. John Guy Widdicombe, 1925–2011: an appreciation of an eminent respiratory physiologist K.F. Chung
1245 Prof. Paul Sadoul, 1918–2011 E. Puchelle, P.H. Guaner, A. Lockhart, E. Berglund, A.T. Dinh-Xuan and J. Widimsky
1248 Prof. Philippe Godard, 1948–2011 M. Gaga, G. Joos and P. Chanez on behalf of the European Respiratory Society Steering Committee

EDITORIALS
1250 New guidelines for the management of adult lower respiratory tract infections M. Woodhead
1252 Is it really time to look at distal airways to improve asthma phenotyping and treatment? T. Perez
1255 Vitamin D in asthma and allergy: what next? S.T. Weiss and A.A. Litonjua
1258 Tuberculosis and HIV co-infection: do we have a surveillance system in Europe? E. Pontali, M.B. Pastici, A. Matteelli, F. Baldelli and G.B. Migliori

ERS TASK FORCE REPORT

ORIGINAL ARTICLES
Occlusional and environmental lung disease

Smoking-related disorders
1287 Biomarkers of early respiratory effects in smoking adolescents E. Van Miert, A. Sardella and A. Bernard

COPD

**ORIGINAL ARTICLES (CONT.)**

**Asthma**

1310 Supplementation with vitamin A early in life and subsequent risk of asthma

1320 Vitamin D and atopy and asthma phenotypes in children: a longitudinal cohort study

**Cystic fibrosis**

1328 Improved treatment response to dornase alfa in cystic fibrosis patients using controlled inhalation

1336 Do responses to exercise training in cystic fibrosis depend on initial fitness level?
W. Gruber, D.M. Orenstein and K.M. Braunmann

**Pulmonary vascular disease**

1343 Effect of atrial septostomy on the survival of patients with severe pulmonary arterial hypertension
J. Sandoval, J. Gaspar, H. Peña, L.E. Santos, J. Córdova, K. del Valle, A. Rodríguez and T. Pulido

**Sleep-related disorders**

1349 Self-reported sleep apnoea and mortality in patients from the Swedish Obese Subjects study

**Lung involvement of systemic disease**

1355 Serum CC chemokine ligand-18 predicts lung disease worsening in systemic sclerosis

**Pulmonary alveolar proteinosis**

1361 An open-label trial of rituximab therapy in pulmonary alveolar proteinosis

**Sarcoidosis**

1368 Stage IV sarcoidosis: comparison of survival with the general population and causes of death

**Tuberculosis**

1374 The burden of TB-HIV in the EU: how much do we know? A survey of surveillance practices and results

1380 Tuberculosis and HIV co-infection in European Union and European Economic Area countries

1383 Comparative cost and performance of light-emitting diode microscopy in HIV-tuberculosis-co-infected patients
A. Whitelaw, J. Peter, H. Sohn, D. Viljoen, G. Theron, M. Badri, V. Davids, M. Pai and K. Dheda

**European Respiratory Journal**

AIMS & SCOPE

The European Respiratory Journal (ERJ), the official Journal of the European Respiratory Society, publishes, in the English language, clinical and experimental work dealing with all aspects of respiratory medicine. In addition to original material, the ERJ prints Editorials and Reviews, as well as Technical Notes, Letters and Correspondence.

This Journal is abstracted/indexed in: Ad Reference, ADONiS, Biological Abstracts/BIOBASE, Chemical Abstracts, Current Contents: Life Sciences, Current Contents: Clinical Medicine, Elsevier BIOBASE/Current Awareness in Biological Sciences, EMBASE/Excerpta Medica, Index Medicus/MEDLINE, Medical Documentation Service, Research Alert, Science Citation Index, SciSearch, SIGIC Data Base and CABI Global Health.

SUBSCRIPTIONS

ERJ is published monthly by the European Respiratory Society (ERS). Twelve issues are published annually in two volumes of six issues each. The volumes for 2011 are Volumes 37 and 38.

Subscription rates for institutions (Volumes 37 & 38, 2011):
- £660.00 online only, £756.00 print and online; US$1,254.00 online only, US$1,454.00 print and online in North America.

Subscription rates include air economy postage. Subscriptions are payable in advance.

Subscribers within the European Union must provide their VAT (Value Added Tax) number or add VAT to the subscription rate at the rate prevailing in their own country.

Subscriptions are managed on behalf of the ERS by: Maney Publishing, Suite 1C, Joseph’s Well, Hanover Walk, Leeds LS3 1AB, UK. Fax: +44 (0)113 866 8178. E-mail: subscriptions@maney.co.uk or: Maney Publishing North America, 875 Massachusetts Avenue, 7th Floor, Cambridge, MA 02139, USA (tel: (toll-free) +1 (0)866 297 5154; fax: +1 (0)617 354 6875; E-mail: maney@maneyusa.com). All orders, payments, and claims for missing issues should be sent to Maney Publishing or to any subscription agent.

ONLINE ACCESS

All subscribers have online access to the full text of each issue as part of their subscription. The online version is available to members via www.ersnet.org. Institutional subscribers can access online through HighWire at www.erj.ersjournals.com. Members of the ERS receive the ERJ as part of their membership.

INSTRUCTIONS TO AUTHORS

Before submitting an article to the ERJ, please read and carefully follow the instructions to authors, which are available at www.erj.ersjournals.com. If you do not have access to the internet please contact the editorial office.

All manuscripts must be submitted electronically using the online submission system at http://mc.manuscriptcentral.com/erj. If you experience problems, please contact the Submission Helpline directly on +44 (0) 114 267 2864 or contact Gill Archer (gill.archer@ersj.org.uk) the manuscript central coordinator.

All ERJ business matters should be addressed to: Kay Sharpe, European Respiratory Society Publications Office, 442 Glossop Road, Sheffield, S10 2PX, UK. Fax: +44 (0) 114 266 5064. E-mail: admin@ersj.org.uk
Diagnosing tuberculosis with urine lipoarabinomannan: systematic review and meta-analysis
J. Minion, E. Leung, E. Talbot, K. Dheda, M. Pai and D. Menzies

Computed tomography measurements of parapneumonic effusion indicative of thoracentesis
B.K. Moffett, T.S. Panchabhai, E. Anaya, R. Nakamatsu, F.W. Arnold, P. Peyrani, T. Wiemken, J. Guidiola and J.A. Ramirez

Primary lung adenocarcinoma: characteristics by smoking habit and sex

Predicting survival in malignant mesothelioma

Efficacy of pleurodesis for malignant pleural effusions in breast cancer patients

Relationship between past airway pathology and current lung function in preschool wheezers
S. Sonnappa, C.M. Bastardo, S. Saglani, A. Bush and P. Aurora

High-resolution computed tomography and pulmonary function in children with common variable immunodeficiency
L. van Zeggeren, A.A.J.M. van de Ven, S.W.J. Terheggen-Lagro, O.M. Mets, F.J. Beek, J.M. van Montfrans and P.A. de Jong

Iron deficiency in pulmonary arterial hypertension: a potential therapeutic target

Predictive value of latent tuberculosis tests in Indian healthcare workers: a cohort study
R. Joshi, U. Narang, A. Zwerling, D. Jain, V. Jain, S. Kalantri and M. Pai

Original Articles (Cont.)
LETTERS (CONT.)

1477 Microsatellite alterations at 3p and 19q in EBC DNA of smokers: are they reversible after smoking cessation? G.E. Carpagnano, D. Lacedonia, G.P. Palladino and M.P. Foschino Barbaro


1482 Ralstonia mannitolilytica and COPD: a case report Z.Y. Zong and C.H. Peng


1486 Diagnosis of respiratory viral infections in cystic fibrosis by PCR using sputum samples A.M. Jones, W. Flight, B. Isalska, M. Cullen, K. Mutton, A. Bowling, D. Riley, K. Webb and R. Bright-Thomas


1490 RETRACTION

f,g,j,n MEETING CALENDAR

CME Credit Application Form can be found at the back of this issue