



EDITORIALS

- 577** **Untreatable tuberculosis: is surgery the answer?**
Masoud Dara, Giovanni Sotgiu, Richard Zaleskis and Giovanni Battista Migliori
- 583** **Tobacco and tuberculosis: could we improve tuberculosis outcomes by helping patients to stop smoking?**
Jean-Pierre Zellweger, Adithya Cattamanchi and Giovanni Sotgiu
- 586** **Smoking, asthma, chronic airflow obstruction and COPD**
Malcolm R. Sears
- 589** **It is not time to lower the guard!**
Isabella Annesi-Maesano
- 592** **A conservative approach for subsolid lung nodules: is it safe enough?**
Maurizio Infante
- 596** **Bed-sharing and childhood asthma: from associations to causal modelling**
Alban Ramette and Claudia Elisabeth Kuehni
- 601** **A bleeding problem in lung cancer patients**
Pieter Depuydt and Marcio Soares
- 604** **Stressing the stepchild: assessing right ventricular contractile reserve in pulmonary arterial hypertension**
Brian A. Houston and Ryan J. Tedford
- European Lung Corner**
- 608** **Keeping health on the political agenda**
Vitor Teixeira

ORIGINAL ARTICLES

Epidemiology and paediatric asthma

- 610** **A multicentre study of air pollution exposure and childhood asthma prevalence: the ESCAPE project**
Anna Mölter, Angela Simpson, Dietrich Berdel, Bert Brunekreef, Adnan Custovic, Josef Cyrus, Johan de Jongste, Frank de Vocht, Elaine Fuertes, Ulrike Gehring, Olena Gruzieva, Joachim Heinrich, Gerard Hoek, Barbara Hoffmann, Claudia Klümper, Michal Korek, Thomas A.J. Kuhlbusch, Sarah Lindley, Dirkje Postma, Christina Tischer, Alet Wijga, Göran Pershagen and Raymond Agius

COPD

- 625** **Variability of within-breath reactance in COPD patients and its association with dyspnoea**
Bernt B. Aarli, Peter M.A. Calverley, Robert L. Jensen, Tomas M.L. Eagan, Per S. Bakke and Jon A. Hardie

Asthma and smoking

- 635** **Interaction between asthma and smoking increases the risk of adult airway obstruction**
Marianne Aanerud, Anne-Elie Carsin, Jordi Sunyer, Julia Dratva, Thorarinn Gislason, Deborah Jarvis, Roberto deMarco, Chantal Raheison, Matthias Wjst, Shyamali C. Dharmage and Cecilie Svanes

Lung function

- 644** **Airway wall thickness associated with forced expiratory volume in 1 second decline and development of airflow limitation**
Firdaus A.A. Mohamed Hoesein, Pim A. de Jong, Jan-Willem J. Lammers, Willem P.T.M. Mali, Michael Schmidt, Harry J. de Koning, Carljin van der Aalst, Matthijs Oudkerk, Rozemarijn Vliegthart, Harry J.M. Groen, Bram van Ginneken, Eva M. van Rikxoort and Pieter Zanen

Paediatric pulmonology

- 652** **Non-anthropogenic dust exposure and asthma medication purchase in children**
Maayan Yitshak-Sade, Victor Novack, Itzhak Katra, Rafael Gorodischer, Asher Tal and Lena Novack

Press
release

- 661** **Is parent-child bed-sharing a risk for wheezing and asthma in early childhood?**
Maartje P.C.M. Luijk, Agnes M.M. Sonnenschein-van der Voort, Viara R. Mileva-Seitz, Pauline W. Jansen, Frank C. Verhulst, Albert Hofman, Vincent W.V. Jaddoe, Johan C. de Jongste, Marinus H. van IJzendoorn, Liesbeth Duijts and Henning Tiemeier

Cystic fibrosis

- 670** **A contemporary survival analysis of individuals with cystic fibrosis: a cohort study**
Anne L. Stephenson, Melissa Tom, Yves Berthiaume, Lianne G. Singer, Shawn D. Aaron, G.A. Whitmore and Sanja Stanojevic

ORIGINAL ARTICLES (CONTINUED)

Sleep

- 680** **Sleep disordered breathing and enlargement of the right heart after myocardial infarction**
Stefan Buchner, Michael Eglseer, Kurt Debl, Andrea Hetzenecker, Andreas Luchner, Oliver Husser, Christian Stroszczyński, Okka W. Hamer, Claudia Fellner, Florian Zeman, Michael Pfeifer and Michael Arzt
- 691** **Oronasal mask versus helmet in acute hypercapnic respiratory failure**
Lara Pisani, Chiara Mega, Rosanna Vaschetto, Andrea Bellone, Raffaele Scala, Roberto Cosentini, Muriel Musti, Manuela Del Forno, Mario Grassi, Luca Fasano, Paolo Navalesi and Stefano Nava

Pulmonary vascular diseases

- 700** **Dobutamine stress for evaluation of right ventricular reserve in pulmonary arterial hypertension**
Tripura Sharma, Edmund M.T. Lau, Preeti Choudhary, Paul J. Torzillo, Phillip A. Munoz, Lisa R. Simmons, Robert Naeije and David S. Celermajer
- 709** **Right ventricular reserve in a piglet model of chronic pulmonary hypertension**
Julien Guihaire, François Haddad, Pierre-Emmanuel Noly, David Boulate, Benoit Decante, Philippe Dartevielle, Marc Humbert, Jean-Philippe Verhoye, Olaf Mercier and Elie Fadel

Respiratory infections

- 718** **Nasopharyngeal gene expression, a novel approach to study the course of respiratory syncytial virus infection**
Corné H. van den Kieboom, Inge M.L. Ahout, Aldert Zomer, Kim H. Brand, Ronald de Groot, Gerben Ferwerda and Marien I. de Jonge
- 726** **Ventilator-associated respiratory infection following lung transplantation**
Jordi Riera, Berta Caralt, Iker López, Salvador Augustin, Antonio Roman, Joan Gavalda, Jordi Rello and the Vall d'Hebron Lung Transplant Study Group

Tuberculosis and smoking

- 738** **Smoking adversely affects treatment response, outcome and relapse in tuberculosis**
Chi C. Leung, Wing W. Yew, Chi K. Chan, Kwok C. Chang, Wing S. Law, Shuk N. Lee, Lai B. Tai, Eric C.C. Leung, Ronald K.F. Au, Shan S. Huang and Cheuk M. Tam

Interstitial and orphan lung disease

- 746** **Nonspecific interstitial pneumonia: survival is influenced by the underlying cause**
Hilario Nunes, Kirsten Schubel, Diane Piver, Eline Magois, Séverine Feuillet, Yurdagul Uzunhan, Zohra Carton, Abdellatif Tazi, Pierre Levy, Pierre-Yves Brillet, Andrew G. Nicholson, Marianne Kambouchner and Dominique Valeyre

Lung cancer and critical care

- 756** **Severe haemoptysis in patients with nonsmall cell lung carcinoma**
Keyvan Razazi, Antoine Parrot, Antoine Khalil, Michel Djibre, Valerie Gounant, Jalal Assouad, Marie France Carette, Muriel Fartoukh and Jacques Cadranet

Lung cancer

- 765** **Towards a close computed tomography monitoring approach for screen detected subsolid pulmonary nodules?**
Ernst T. Scholten, Pim A. de Jong, Bartjan de Hoop, Rob van Klaveren, Saskia van Amelsvoort-van de Vorst, Matthijs Oudkerk, Rozemarijn Vliegthart, Harry J. de Koning, Carlijn M. van der Aalst, René M. Vernhout, Harry J.M. Groen, Jan-Willem J. Lammers, Bram van Ginneken, Colin Jacobs, Willem P.T.M. Mali, Nanda Horeweg, Carla Weenink, Erik Thunnissen, Mathias Prokop and Hester A. Gietema

REVIEW

- 774** **Infantile respiratory syncytial virus and human rhinovirus infections: respective role in inception and persistence of wheezing**
Giovanni A. Rossi and Andrew A. Colin

STATE OF THE ART

- SERIES "MULTIMORBIDITY AND THE LUNG"**
Edited by L.M. Fabbri and J.M. Drazen
Number 6 in the Series
- 790** **Mechanisms of development of multimorbidity in the elderly**
Peter J. Barnes

BACK TO BASICS

- 807** **Hallmarks of the ageing lung**
Silke Meiners, Oliver Eickelberg and Melanie Königshoff

Research letters

- 828 High prevalence of undiagnosed COPD in a cohort of HIV-infected smokers**
Alain Makinson, Maurice Hayot, Sabrina Eymard-Duvernay, Mylène Quesnoy, François Raffi, Laurence Thirard, Fabrice Bonnet, Pierre Tattevin, Sophie Abgrall, Xavier Quantin, Hervé Léna, Sébastien Bommart, Jacques Reynes, Vincent Le Moing and the ANRS EP48 HIV CHEST Study Team
- 831 Cladribine improves lung cysts and pulmonary function in a child with histiocytosis**
Ralph Epaud, Hubert Ducou Le Pointe, Sylvie Fasola, Sandra Ploussard, Celine Delestrain, Chiara Sileo and Jean Donadieu
- 834 Factors influencing tuberculosis screening in healthcare workers in Portugal**
José Moura Meireles, Rita Gaio and Raquel Duarte
- 839 Effect of smoking history on outcome of patients diagnosed with TB and HIV**
Koen Vanden Driessche, Monita R. Patel, Nana Mbonze, Martine Tabala, Marcel Yotebieng, Frieda Behets and Annelies Van Rie
- 842 Pulmonary hypertension associated with obliterative phlebitis in IgG4-related lung disease**
Jun Fukihara, Yasuhiro Kondoh, Hiroyuki Taniguchi, Tomoki Kimura, Kensuke Kataoka, Toshiaki Matsuda, Toshiki Yokoyama, Kenzo Ono, Yukio Kashima and Junya Fukuoka
- 845 Cystic fibrosis bone disease: is the CFTR corrector C18 an option for therapy?**
Frédéric Velard, Martial Delion, Flora Lemaire, Olivier Tabary, Christine Guillaume, Françoise Le Pimpec Barthès, Lhousseine Touqui, Sophie Gangloff, Isabelle Sermet-Gaudelus and Jacky Jacquot
- 849 Matrix Gla protein limits pulmonary arteriovenous malformations in ALK1 deficiency**
Kristina I. Boström, Pierre Guihard, Ana M. Blazquez Medela, Jiayi Yao, Jeremiah H. Moon, Ashley Penton and Yucheng Yao

Correspondence

- 853 What's the [end] point?**
Corey E. Ventetuolo and Steven M. Kawut; Mark-Jan Ploegstra and Rolf M.F. Berger
- 856 Low socioeconomic status and lung function**
Philip H. Quanjer; David C. Taylor-Robinson, Karsten Thielens, Tania Pressler, Hanne V. Olesen and Peter J. Diggle
- 858 Electronic nicotine delivery systems**
Kristiaan Nackaerts and Luk Joossens; Francesco Blasi and Brian Ward
- 859 Glucocorticoids induce the production of the chemoattractant CCL20 in airway epithelium**
Carl Persson and Lena Uller
- 861 AUTHOR CORRECTION**
- 861 ERRATUM**
- f,h,j,l MEETING CALENDAR**