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- 1002** **Pulmonary hypertension at exercise in COPD: does it matter?**  
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- 1005** **T'ai chi for individuals with COPD: an ancient wisdom for a 21st century disease?**  
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- 1008** **How children with asthma breathe: have we been overlooking a problem?**  
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- 1010** **Are statins beneficial for viral pneumonia?**  
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- 1012** **Eosinophilic bronchiolitis: is it a new syndrome?**  
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- 1014** **Oestrogen and the sexual dimorphism of pulmonary arterial hypertension: a translational challenge**  
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## LAUNCHING NEW STUDIES

- 1017** **The Study to Understand Mortality and Morbidity in COPD (SUMMIT) study protocol**  
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## ORIGINAL ARTICLES

### Environmental lung disease

- 1023** **Cardiovascular biomarkers predict susceptibility to lung injury in World Trade Center dust-exposed firefighters**  
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### COPD

- 1031** **Haemodynamic responses to exercise in patients with COPD**  
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- 1042** **Proteinase 3 activity in sputum from subjects with alpha-1-antitrypsin deficiency and COPD**  
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- Press release 1051** **Short-form Sun-style t'ai chi as an exercise training modality in people with COPD**  
Regina Wai Man Leung, Zoe J. McKeough, Matthew J. Peters and Jennifer A. Alison

- 1058** **Airway epithelial cell apoptosis and inflammation in COPD, smokers and nonsmokers**  
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### Asthma

- 1068** **Dysfunctional breathing in children with asthma: a rare but relevant comorbidity**  
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- 1074** **Effect of urbanisation on the relationship between total serum IgE and asthma**  
William Checkley, Colin L. Robinson, Lauren M. Baumann, Karina Romero, Juan M. Combe, Robert H. Gilman, Robert A. Wise, Robert G. Hamilton, Guillermo Gonzalvez, Vitaliano Cama, Nadia N. Hansel and the PURA study investigators

- 1082** **Effects of asthma severity, exacerbations and oral corticosteroids on perinatal outcomes**  
Jennifer A. Namazy, Vanessa E. Murphy, Heather Powell, Peter G. Gibson, Christina Chambers and Michael Schatz

### Cystic fibrosis

- 1091** **Shared *Pseudomonas aeruginosa* genotypes are common in Australian cystic fibrosis centres**  
Timothy J. Kidd, Kay A. Ramsay, Honghua Hu, Guy B. Marks, Claire E. Wainwright, Peter T. Bye, Mark R. Elkins, Philip J. Robinson, Barbara R. Rose, John W. Wilson, Keith Grimwood, Scott C. Bell and the ACPinCF Investigator Group

## ORIGINAL ARTICLES (CONT.)

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- 1101** **Inhaled therapies, azithromycin and *Mycobacterium abscessus* in cystic fibrosis patients**  
Emilie Catherinot, Anne-Laure Roux, Marie-Anne Vibet, Gil Bellis, Lydie Lemonnier, Evelyne Le Roux, Claire Bernède-Bauduin, Muriel Le Bourgeois, Jean-Louis Herrmann, Didier Guillemot and Jean-Louis Gaillard for the OMA group
- 1107** **Ciprofloxacin dry powder for inhalation in non-cystic fibrosis bronchiectasis: a phase II randomised study**  
 Robert Wilson, Tobias Welte, Eva Polverino, Anthony De Soyza, Hugh Greville, Anne O'Donnell, Jeff Alder, Peter Reimnitz and Barbara Hampel
- 1116** **Oestradiol ameliorates monocrotaline pulmonary hypertension via NO, prostacyclin and endothelin-1 pathways**  
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- 1126** **Hypereosinophilic obliterative bronchiolitis: a distinct, unrecognised syndrome**  
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- 1135** **Outcomes in females hospitalised with community-acquired pneumonia are worse than in males**  
Forest W. Arnold, Timothy L. Wiemken, Paula Peyrani, Mehdi Mirsaeidi and Julio A. Ramirez for the Community Acquired Pneumonia Organization (CAPO) Study Group
- 1141** **Hospital admissions of adults with community-acquired pneumonia in Portugal between 2000 and 2009**  
Filipe Froes, António Diniz, Margarida Mesquita, Margarida Serrado and Baltazar Nunes
- 1147** **Simvastatin suppresses RANTES-mediated neutrophilia in polyinosinic–polycytidylic acid-induced pneumonia**  
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- 1163** **Second-line anti-tuberculosis drug concentrations for susceptibility testing in the MODS assay**  
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- Lung cancer**
- 1172** **Low miR-145 and high miR-367 are associated with unfavourable prognosis in resected nonsmall cell lung cancer**  
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- Lung function**
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- Mechanisms of lung disease**
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## SERIES

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- SERIES “CHRONIC THROMBOEMBOLIC PULMONARY HYPERTENSION”**  
Edited by J. Pepke-Zaba, M.M. Hooper and M. Humbert  
Number 5 in this Series
- 1200** **Chronic thromboembolic pulmonary hypertension: animal models**  
Olaf Mercier and Elie Fadel

## REVIEW

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- 1207** **The pathogenesis of pulmonary fibrosis: a moving target**  
Wim A. Wuyts, Carlo Agostini, Katerina M. Antoniou, Demosthenes Bouros, Rachel C. Chambers, Vincent Cottin, Jim J. Egan, Bart N. Lambrecht, Rik Lories, Helen Parfrey, Antje Prasse, Carlos Robalo-Cordeiro, Eric Verbeken, Johny A. Verschakelen, Athol U. Wells and Geert M. Verleden

## SCIENTIFIC ASSEMBLY UPDATE

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## LETTERS

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- 1230 Paediatric lung transplant outcomes vary with *Mycobacterium abscessus* complex species**  
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- 1233 Previous general practitioner consulting behaviour as a predictor of pneumonia in children**  
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- 1234 Asymmetric dimethylarginine and asthma: results from the Childhood Asthma Prevention Study**  
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## CORRESPONDENCE

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- 1238 Natural course of sleep-disordered breathing after acute myocardial infarction**  
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- f,h,j,l MEETING CALENDAR**