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**Editorials**

- 1 *Thorax: the Cappuccino years*  
*A Bush, I D Pavord*
- 5 Tiotropium Respimat increases the risk of mortality  
*C R Jenkins, R Beasley*
- 7 Hot off the breath: Omalizumab: NICE to USE you, to LOSE you NICE  
*A Bush, I D Pavord*

**Asthma**

- 9 The activin A antagonist follistatin inhibits asthmatic airway remodelling  
*C L Hardy, H-An Nguyen, R Mohamud, J Yao, D Y Oh, M Plebanski, K L Loveland, C A Harrison, J M Rolland, R E O'Hehir*
- 19 Clinical control of asthma associates with measures of airway inflammation  
 *F Volbeda, M Broekema, M E Lodewijk, M N Hylkema, H K Reddel, W Timens, D S Postma, N H T ten Hacken*

**Asthma and the environment**

- 25 Cod liver oil intake and incidence of asthma in Norwegian adults—the HUNT study  
*X-M Mai, A Langhammer, Y Chen, C A Camargo Jr*
- 31 Proteolytic activity in cowshed dust extracts induces C5a release in murine bronchoalveolar lavage fluids which may account for its protective properties in allergic airway inflammation  
*M Stiehm, A Bufe, M Peters*

**Bronchiectasis**

- 39 Vitamin-D deficiency is associated with chronic bacterial colonisation and disease severity in bronchiectasis  
*J D Chalmers, B J McHugh, C Docherty, J R W Govan, A T Hill*

**Chronic obstructive pulmonary disease**

- 48 Comparative safety of inhaled medications in patients with chronic obstructive pulmonary disease: systematic review and mixed treatment comparison meta-analysis of randomised controlled trials  
*Y-H Dong, H-H Lin, W-Y Shau, Y-C Wu, C-H Chang, M-S Lai*


**Interstitial lung disease**

- 57 The development and validation of the King's Sarcoidosis Questionnaire for the assessment of health status  
*A S Patel, R J Siegert, D Creamer, G Larkin, T M Maher, E A Renzoni, A U Wells, I J Higginson, S S Biring*

**Respiratory infection**

- 66 Human respiratory syncytial virus viroporin SH: a viral recognition pathway used by the host to signal inflammasome activation  
*K Triantafyllou, S Kar, E Vakakis, S Kotecha, M Triantafyllou*
- 76 Respiratory syncytial virus infection of airway epithelial cells, in vivo and in vitro, supports pulmonary antibody responses by inducing expression of the B cell differentiation factor BAFF  
*P S McNamara, A M Fonceca, D Howarth, J B Correia, J R Slupsky, R E Trinick, W Al Turaiki, R L Smyth, B F Flanagan*

**Respiratory research**

- 82 IL-25 drives remodelling in allergic airways disease induced by house dust mite  
 *L G Gregory, C P Jones, S A Walker, D Sawant, K H C Gowers, G A Campbell, A N J McKenzie, C M Lloyd*

**MORE CONTENTS ►**

**Credit: HAZEL APPLETON, CENTRE FOR INFECTIONS/HEALTH PROTECTION AGENCY/SCIENCE PHOTO LIBRARY**

**Cover caption: Respiratory syncytial virus (RSV) particles, coloured transmission electron micrograph (TEM). This pneumovirus, a type of paramyxovirus, is a major cause of human respiratory tract infections in patients of all ages. Each virion consists of RNA (ribonucleic acid) genetic material enclosed in a protein coat, or capsid (orange), within a phospholipid envelope (cream). The envelope is covered in protein spikes (green), which enable the virus to attach to and enter a host cell. In adults, RSV only affects the upper respiratory tract, but in infants bronchiolitis (bronchiole inflammation) or bronchopneumonia can result. Magnification: x118,000 when printed 10 centimetres wide.**



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## Sleep disordered breathing

- 91** Objective measurement of compliance during oral appliance therapy for sleep-disordered breathing



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*O M Vanderveken, M Dieltjens, K Wouters, W A De Backer, P H Van de Heyning, M J Braem*

- 97** Wake-up stroke and TIA due to paradoxical embolism during long obstructive sleep apnoeas: a cross-sectional study

*A Ciccone, P Proserpio, D V Roccatagliata, M Nichelatti, G L Gigli, G Parati, C Lombardi, F Pizza, F Cirignotta, I M Santilli, V Silani, R Sterzi, L Nobili, the D.A.R.I.A (Detection of Sleep Apnea as Risk Factor in Acute Stroke) Investigators*

## PostScript

- 105** Correspondence

## Chest clinic

### Basic science for the chest physician

- 108** Novel insights into immune and inflammatory responses to respiratory viruses

*J Schwarze, K J Mackenzie*

### Case based discussion

- 111** Extrapulmonary lymphangioliomyomatosis: a wolf in sheep's clothing

*A M Derweduwen, E Verbeken, M Stas, J Verschakelen, J Coolen, G Verleden, W Wuyts*

## Opinion

- 114** Pro-arrhythmic and pro-ischaemic effects of inhaled anticholinergic medications

*S Singh, Y K Loke, P Enright, C D Furberg*

## Images in Thorax

- 117** Aggravating cough in a patient with suspected sarcoidosis

*J Yserbyt, V Ninane*

## Miscellaneous

- 47** Journal club: A molecular assay to predict survival in resected non-squamous non-small-cell lung cancer

*T M Hlaing, J-S Wang*

- 110** Journal club: Nicotine replacement therapy in pregnancy

*T D Stringfellow, J D Blakey*

- 30** Correction

- 96** Correction

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