

ARD

Annals of the Rheumatic Diseases
The EULAR Journal

Editor

Leo van de Putte (The Netherlands)

Associate editors

Thomas Bardin (France)
Johannes Bijlsma (The Netherlands)
Gerd Burmester (Germany)
Bevrah Hahn (USA)
Frank Wollheim (Sweden)
Anthony Woolf (UK)

Methodological adviser

Jaap Fransen (The Netherlands)

Editorial board

M Aringer (Austria)	W Maslinski (Poland)
P Bacon (UK)	M Matucci Cerinic (Italy)
F Berenbaum (France)	K Nishiohka (Japan)
M Boers (The Netherlands)	S Özen (Turkey)
D Boumpas (Greece)	T Pap (Germany)
B Bresnihan (Ireland)	E Pascual Gómez (Spain)
H Capell (UK)	L Punzi (Italy)
M Cutolo (Italy)	L Rönnblom (Sweden)
G Firestein (USA)	B Rozman (Slovenia)
P Goupille (France)	G Schett (Austria)
E Gravallese (USA)	J Da Silva (Portugal)
W Gross (Germany)	H Schulze-Koops (Germany)
F Guillemain (France)	A So (Switzerland)
G Herrero-Beaumont (Spain)	T Sokka (USA)
F Houssiau (Belgium)	D Symmons (UK)
T Huizinga (The Netherlands)	P-P Tak (The Netherlands)
C Jorgensen (France)	A Tyndall (Switzerland)
G Kollias (Greece)	A Tzioufas (Greece)
T Kvien (Norway)	J Vencovsky (Czech Republic)
M Leirisalo-Repo (Finland)	M Ward (USA)
F Luijten (Belgium)	M Weisman (USA)
H-M Lorenz (Germany)	H Yazici (Turkey)
	Editor, <i>BMJ</i>

Advisory committee

W vd Berg (The Netherlands)	P Lipsky (USA)
S Bombardieri (Italy)	S Lohmander (Finland)
F Breedveld (The Netherlands)	R Maini (UK)
L Crofford (USA)	E M Mola (Spain)
J-M Dayer (Switzerland)	H Moutsopoulos (Greece)
M Doherty (UK)	J O'Dell (USA)
M Dougados (France)	K Pavelka (Czech Republic)
J Edmonds (Australia)	J Rovinsky (Piestany)
P Emery (UK)	Y Shoenfeld (Tel-Hashomer)
D Furst (USA)	J Smolen (Austria)
S Gay (Switzerland)	W van Venrooy (The Netherlands)
J Kalden (Germany)	E Veys (Belgium)
E Keystone (Canada)	A Wiik (Denmark)
L Klareskog (Sweden)	

Guidelines for authors and reviewers

Full instructions are available online at <http://annrheumdis.bmjournals.com/ifora>

Subscription information

See p iv

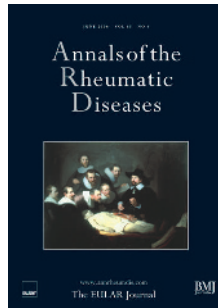
Copyright

© 2006 BMJ Publishing Group and European League Against Rheumatism. All rights reserved; no part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise without the prior permission of *Annals of the Rheumatic Diseases*

Authors are required to grant *Annals of the Rheumatic Diseases* an exclusive licence to publish; further details available online at www.annrheumdis.com/misc/ifora.shtml

• *Annals of the Rheumatic Diseases* is published by BMJ Publishing Group, typeset by The Charlesworth Group, and printed in the UK on acid-free paper by Unwin Brothers, Woking

• Periodicals postage paid, Rahway, NJ. Postmaster: send address changes to: *Annals of the Rheumatic Diseases*, c/o Mercury Airfreight International Ltd, 365 Blair Road, Avenel, NJ 07001, USA



The anatomy lesson of Dr Nicolaes Tulp (Rembrandt). Source: Royal Cabinet of Paintings Mauritshuis The Hague

NEW
ONLINE
SUBMISSION
GO TO
WEBSITE
TO SUBMIT YOUR
MANUSCRIPT

contents ARD

Volume 65 Number 6 June 2006

Editorials

- 701 Differential drug resistance to anti-tumour necrosis factor agents in rheumatoid arthritis
P I Sidiropoulos, D T Boumpas
- 704 Lymphoma and other malignancies in primary Sjögren's syndrome
S R Pillemer

Review

- 707 Swedish registers to examine drug safety and clinical issues in RA
J Askling, C M Fored, P Geborek, L T H Jacobsson, R van Vollenhoven, N Feltelius, S Lindblad, L Klareskog

Extended reports

- 713 Immunohistological examination of open sacroiliac biopsies of patients with ankylosing spondylitis: detection of tumour necrosis factor α in two patients with early disease and transforming growth factor β in three more advanced cases
R J François, L Neure, J Sieper, J Braun
- 721 Anchorage on fibronectin via VLA-5 ($\alpha 5\beta 1$ integrin) protects rheumatoid synovial cells from Fas-induced apoptosis
A Kitagawa, Y Miura, R Saura, M Mitani, H Ishikawa, A Hashiramoto, S Yoshiya, S Shiozawa, M Kurosaka
- 728 Anti-inflammatory effects of leflunomide in combination with methotrexate on co-culture of T lymphocytes and synovial macrophages from rheumatoid arthritis patients
M Cutolo, S Capellino, P Montagna, A Sulli, B Seriolo, B Villaggio
- 736 Hand bone loss in early undifferentiated arthritis: evaluating bone mineral density loss before the development of rheumatoid arthritis
G Haugeberg, M J Green, M A Quinn, H Marzo-Ortega, S Proudman, Z Karim, R J Wakefield, P G Conaghan, S Stewart, P Emery
- 741 Impact of parental history on patients' cardiovascular mortality in rheumatoid arthritis
L Björnådal, L Brandt, L Klareskog, J Askling
- 746 Evidence for differential acquired drug resistance to anti-tumour necrosis factor agents in rheumatoid arthritis
A Finckh, J F Simard, C Gabay, P-A Guerne, for the SCQM physicians
- 753 Long term efficacy and safety of adalimumab plus methotrexate in patients with rheumatoid arthritis: ARMADA 4 year extended study
M E Weinblatt, E C Keystone, D E Furst, A F Kavanaugh, E K Chartash, O G Segurado
- 760 Observational study on efficacy, safety, and drug survival of anakinra in rheumatoid arthritis patients in clinical practice
A A den Broeder, E de Jong, M J A M Franssen, M E C Jeurissen, M Flendrie, F H J van den Hoogen
- 763 Prevalence and predictors of disability in valued life activities among individuals with rheumatoid arthritis
P P Katz, A Morris, E H Yelin



This logo indicates an article that was published online first ahead of print

- 770 Determinants of hyperkyphosis in patients with ankylosing spondylitis *D Vosse, D van der Heijde, R Landewé, P Geusens, H Mielants, M Dougados, S van der Linden*
- 775 Finnish HLA studies confirm the increased risk conferred by HLA-B27 homozygosity in ankylosing spondylitis *E Jaakkola, I Herzberg, K Laiho, M C N M Barnardo, J J Pointon, M Kauppi, K Kaarela, E Tuomilehto-Wolf, J Tuomilehto, B P Wordworth, M A Brown*
- 781 Greater reduction of knee than hip pain in osteoarthritis treated with naproxen, as evaluated by WOMAC and SF-36 *O Svensson, M Malmenäs, L Fajutrao, E M Roos, L S Lohmander*
- 785 Systemic lupus erythematosus in a multiethnic US cohort (LUMINA): XXIV. Cytotoxic treatment is an additional risk factor for the development of symptomatic osteonecrosis in lupus patients: results of a nested matched case-control study *J Calvo-Alén, G McGwin, S Taloza, M Fernández, J M Roseman, H M Bastian, E J Cepeda, E B González, B A Baethge, B J Fessler, L M Vilá, J D Reveille, G S Alarcón, for the LUMINA Study Group*
- 791 Study of the role of functional variants of *SLC22A4*, *RUNX1* and *SUMO4* in systemic lupus erythematosus *G Orozco, E Sánchez, L M Gómez, M A González-Gay, M A López-Nevot, B Torres, N Ortega-Centeno, J Jiménez-Alonso, E de Ramón, J Sánchez Román, J M Anaya, G Sturfelt, I Gunnarsson, E Svennungsson, M Alarcón-Riquelme, M F González-Escribano, J Martín*
- 796 Lymphoma and other malignancies in primary Sjögren's syndrome: a cohort study on cancer incidence and lymphoma predictors *E Theander, G Henriksson, O Ljungberg, T Mandl, R Manthorpe, L T H Jacobsson*
- 804 Combining information obtained from magnetic resonance imaging and conventional radiographs to detect sacroiliitis in patients with recent onset inflammatory back pain *L Heuft-Dorenbosch, R Landewé, R Weijers, A Wanders, H Houben, S van der Linden, D van der Heijde*
- 809 The incidences of and consultation rate for lower extremity complaints in general practice *J M van der Waal, S D M Bot, C B Terwee, D A W M van der Windt, F G Schellevis, L M Bouter, J Dekker*

.....
Concise reports

- 816 Decreased density of serotonin 5-HT_{2A} receptors in rheumatoid arthritis *A Kling, S Rantapää-Dahlqvist, H Stenlund, T Mjörndal*
- 820 Most visits of most patients with rheumatoid arthritis to most rheumatologists do not include a formal quantitative joint count *T Pincus, O G Segurado*
- 823 Facioskeletal changes in children with juvenile idiopathic arthritis *M Twilt, A J M Schulten, P Nicolaas, A Dülger, L W A van Suijlekom-Smit*
- 826 Temporal artery biopsy for diagnosing giant cell arteritis: the longer, the better? *A Mahr, M Saba, M Kambouchner, M Polivka, M Baudrimont, I Brochériou, J Coste, L Guillevin*
- 829 Raised serum S100B protein levels in neuropsychiatric lupus *C B Schenatto, R M Xavier, M Bredemeier, L V C Portela, A B L Tort, T L Dedavid e Silva, D O Souza, J C T Brenol*

.....
Letters

- 832 Medial tibial stress syndrome due to methotrexate osteopathy *P Alonso-Bartolome, V M Martinez-Taboada, A Canga, R Blanco*
- 833 Leflunomide and methotrexate combination therapy in daily clinical practice *A Dendooven, L De Rycke, X Verhelst, H Mielants, E M Veys, F De Keyser*
- 834 Fatal exacerbation of fibrosing alveolitis associated with systemic sclerosis in a patient treated with adalimumab *Y Allanore, G Devos-François, C Caramella, P Boumier, V Jounieaux, A Kahan*
- 836 Effects of acute administration of iloprost on the cardiac autonomic nervous system and ventricular repolarisation in patients with systemic sclerosis *F Guideri, M Acampa, S Rechichi, P L Capecchi, P E Lazzarini, M Galeazzi, A Auteri, F Laghi-Pasini*
- 837 Subchondral insufficiency fracture of the femoral head in a patient with systemic lupus erythematosus *T Yamamoto, R Schneider, Y Iwamoto, P G Bullough*
- 839 Eosinophilic cellulitis (Wells' syndrome) as a cutaneous reaction to the administration of adalimumab *P Boura, A Sarantopoulos, I Lefaki, P Skendros, P Papadopoulos*

-
840 Forthcoming events