

ARD

Annals of the Rheumatic Diseases
The EULAR Journal

Editor

Leo van de Putte (Nijmegen)

Associate editors

Thomas Bardin (Paris)
Johannes Bijlsma (Utrecht)
Gerd Burmester (Berlin)
Bevrah Hahn (Los Angeles)
Frank Wollheim (Lund)
Anthony Woolf (Truro)

Methodological adviser

Jaap Fransen (Nijmegen)

Editorial board

Martin Aringer (Vienna)	W Maslinski (Poland)
Paul Bacon (Birmingham)	Marco Matucci Cerinic (Florence)
Francis Berenbaum (Paris)	Kusuki Nishioka (Kanagawa)
Maarten Boers (Amsterdam)	Seza Özen (Ankara)
Dimitrios Boumpas (Heraklion)	Thomas Pap (Magdeburg)
Barry Bresnihan (Dublin)	Eliseo Pascual Gómez (Alicante)
Hillary Capell (Glasgow)	Leonardo Punzi (Padova)
Maurizio Cutolo (Genova)	Lars Rönnblom (Uppsala)
Gary Firestein (La Jolla San Diego)	Blaž Rozman (Ljubljana)
Philippe Goupille (Tours)	Georg Schett (Vienna)
Ellen Gravallese (Boston)	José Da Silva (Coimbra)
Wolfgang Gross (Bad Bramstedt)	Hendrik Schulze-Koops (Erlangen)
Francis Guillemain (Nancy)	Alex So (Lausanne)
Gabriel Herrero-Beaumont (Madrid)	Tuulikki Sokka (Nashville)
Frederic Houssiau (Brussels)	Deborah Symmons (Manchester)
Tom Huizinga (Leiden)	Paul-Peter Tak (Amsterdam)
Christian Jorgensen (Montpellier)	Alan Tyndall (Basel)
George Kollias (Athens)	Athanasios Tzioufas (Athens)
Tore Kvien (Oslo)	Jiří Vencovsky (Praag)
Marjatta Leirisalo-Repo (Lund)	Michael Ward (Bethesda)
Frank Luitjen (Leuven)	Michael Weisman (Los Angeles)
Hanns-Martin Lorenz (Heidelberg)	Hasan Yazici (Istanbul)
	Editor, <i>BMJ</i>

Advisory committee

Wim vd Berg (Nijmegen)	Peter Lipsky (Dallas)
Stefano Bombardieri (Pisa)	Stefan Lohmander (Lund)
Ferdinand Breedveld (Leiden)	Ravinder Maini (London)
Leslie Crofford (Michigan)	Emilio Martin Mola (Madrid)
Jean-Michel Dayer (Geneva)	Haralampos Moutsopoulos (Athens)
Mike Doherty (Nottingham)	James O'Dell (Omaha)
Maxime Dougados (Paris)	Karel Pavelka (Prague)
John Edmonds (Sydney)	Josef Rovinsky (Piestany)
Paul Emery (Leeds)	Yehuda Shoenfeld (Tel-Hashomer)
Daniel Furst (Seattle)	Josef Smolen (Vienna)
Steffen Gay (Zurich)	Walther van Venrooy (Nijmegen)
Joachim Kalden (Erlangen)	Eric Veys (Gent)
Edward Keystone (Toronto)	Allan Wiik (Denmark)
Lars Klareskog (Stockholm)	

Instructions to authors

All papers must be submitted via BenchPress at <http://submit-ard.bmjournals.com/>

Subscription information

See p iv

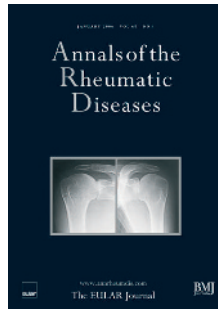
Copyright

© 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



Plain radiographs of the shoulders in a liver transplant recipient. See p. 118

NEW
ONLINE
SUBMISSION
GO TO
WEBSITE
TO SUBMIT YOUR
MANUSCRIPT

contents ARD

Volume 65 Number 1 January 2006

Editorials

- 1 EULAR expects further development in 2006 *T K Kvien, L B A van de Putte*
- 2 Infectious origin of the antiphospholipid syndrome *Y Shoenfeld, M Blank, R Cervera, J Font, E Raschi, P-L Meroni*

Review






- 7 Problem of the atherothrombotic potential of non-steroidal anti-inflammatory drugs *W W Bolten*

Extended reports


- 14 Interobserver reliability in musculoskeletal ultrasonography: results from a "Teach the Teachers" rheumatologist course *E Naredo, I Möller, C Moragues, J J de Agustin, A K Scheel, W Grassi, E de Miguel, M Backhaus, P Balint, G A W Bruyn, M A D'Agostino, E Filippucci, A Iagnocco, D Kane, J M Koski, L Mayordomo, W A Schmidt, W A A Swen, M Szkudlarek, L Terslev, S Torp-Pedersen, J Uson, R J Wakefield, C Werner, EULAR Working Group for Musculoskeletal Ultrasound*
- 20 Comparison of long term outcome of patients with rheumatoid arthritis presenting with undifferentiated arthritis or with rheumatoid arthritis: an observational cohort study *J van Aken, H van Dongen, S le Cessie, C F Allaart, F C Breedveld, T W J Huizinga*
- 26 Low circulating soluble interleukin 2 receptor level predicts rapid response in patients with refractory rheumatoid arthritis treated with infliximab *A Kuuliala, R Nissinen, H Kautiainen, H Repo, M Leirisalo-Repo*
- 30 Muscle strength, pain, and disease activity explain individual subdimensions of the Health Assessment Questionnaire disability index, especially in women with rheumatoid arthritis *A Häkkinen, H Kautiainen, P Hannonen, J Ylino, H Mäkinen, T Sokka*
- 35 The effect of etanercept on anti-cyclic citrullinated peptide antibodies and rheumatoid factor in patients with rheumatoid arthritis *H A Chen, K C Lin, C H Chen, H T Liao, H P Wang, H N Chang, C Y Tsai, C T Chou*
- 40 Arthritis instantaneously causes collagen type I and type II degradation in patients with early rheumatoid arthritis: a longitudinal analysis *R B M Landewé, P Geusens, D M F M van der Heijde, M Boers, S J van der Linden, P Garnero*
- 45 Clinical practice decision tree for the choice of the first disease modifying antirheumatic drug for very early rheumatoid arthritis: a 2004 proposal of the French Society of Rheumatology *X Le Loët, J M Berthelot, A Cantagrel, B Combe, M De Bandt, B Fautrel, R M Flipo, F Lioté, J F Maillefert, O Meyer, A Saraux, D Wendling, F Guillemain*
- 51 Increase of sympathetic outflow measured by neuropeptide Y and decrease of the hypothalamic-pituitary-adrenal axis tone in patients with systemic lupus erythematosus and rheumatoid arthritis: another example of uncoupling of response systems *P Härle, R H Straub, R Wiest, A Mayer, J Schölmerich, F Atzeni, M Carrabba, M Cutolo, P Sarzi-Puttini*
- 57 Reduced uptake of apoptotic cells by macrophages in systemic lupus erythematosus: correlates with decreased serum levels of complement *M Bijl, E Reefman, G Horst, P C Limburg, C G M Kallenberg*



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



- 64  Comparison of quantitative and semiquantitative indicators of joint space narrowing in subjects with knee osteoarthritis *S A Mazza, K D Brandt, B P Katz, K A Lane, K A Buckwalter*
- 69  Femorotibial and patellar cartilage loss in patients prior to total knee arthroplasty, heterogeneity, and correlation with alignment of the knee *R von Eisenhart-Rothe, H Graichen, M Hudelmaier, T Vogl, L Sharma, F Eckstein*
- 74  Growing up and moving on. A multicentre UK audit of the transfer of adolescents with juvenile idiopathic arthritis from paediatric to adult centred care *L P Robertson, J E McDonagh, T R Southwood, K L Shaw, on behalf of the British Society of Paediatric and Adolescent Rheumatology*
- 81  The acute respiratory distress syndrome in catastrophic antiphospholipid syndrome: analysis of a series of 47 patients *S Bucciarelli, G Espinosa, R A Asherson, R Cervera, G Claver, J A Gómez-Puerta, M Ramos-Casals, M Ingelmo, J Font for the Catastrophic Antiphospholipid Syndrome Registry Project Group*
- 87  Quality of life, morbidity, and mortality after low trauma hip fracture in men *I Pande, D L Scott, T W O'Neill, C Pritchard, A D Woolf, M J Davis*

State of the art

- 93  Standardisation of synovial tissue infiltrate analysis: how far have we come? how much further do we need to go? *M D Smith, D Baeten, A-K Ulfgren, I B McInnes, O Fitzgerald, B Bresnahan, P P Tak, D Veale on behalf of the OMERACT synovial special interests group*

Concise reports

- 101 Advanced glycation end product modification of bone proteins and bone remodelling: hypothesis and preliminary immunohistochemical findings *G Hein, C Weiss, G Lehmann, T Niwa, G Stein, S Franke*
- 105 Expression of the matrix receptor CD44v5 on chondrocytes changes with osteoarthritis: an experimental investigation in the rabbit *C O Tibesku, T Szuwart, S A Ocken, A Skwara, S Fuchs*
- 109 Prevalence of the antiphospholipid syndrome in primary systemic vasculitis *J D Rees, S Lança, P V Marques, J A Gómez-Puerta, R Moco, C Oliveri, M A Khamashta, G R V Hughes, D P D'Cruz*
- 112 Immunological consequences of thalidomide treatment in Sjögren's syndrome *N M Moutsopoulos, N Angelov, V Sankar, R A Leakan, S Pillemer, S M Wahl*
- 115 Modification of hypertension and hypercholesterolaemia in patients with systemic lupus erythematosus: a quality improvement study *M B Urowitz, D D Gladman, D Ibanez, Y Berliner*

- 118 Rapid multifocal chondrolysis after liver transplantation in four patients *J Taillandier, M Alemanni, D Samuel, H Bismuth, F Lioté*
- 121  Disease related use of the internet in chronically ill adults: current and expected use *W G J M van Lankveld, A M Derks, F H J van den Hoogen*
- 124 Serum levels of monocyte chemotactic protein-3/CCL7 are raised in patients with systemic sclerosis: association with extent of skin sclerosis and severity of pulmonary fibrosis *K Yanaba, K Komura, M Kodera, T Matsushita, M Hasegawa, K Takehara, S Sato*
- 127  Autologous haematopoietic stem cell transplantation for Behçet's disease with pulmonary involvement: analysis after 5 years of follow up *B Maurer, M Hensel, R Max, C Fiehn, A D Ho, H M Lorenz*
- 130 Sexual dimorphism, but not testosterone itself, is responsible for ankylosing enthesitis of the ankle in B10.BR (H-2^k) male mice *J Capkova, P Ivanyi, Z Rehakova*

Letters

- 133 The presence of anti-cyclic citrullinated peptide antibody is associated with magnetic resonance imaging detection of bone marrow oedema in early stage rheumatoid arthritis *M Tamai, A Kawakami, M Uetani, S Takao, F Tanaka, H Nakamura, N Iwanaga, Y Izumi, K Arima, K Aratake, M Kamachi, M Huang, T Origuchi, H Ida, K Aoyagi, K Eguchi*
- 134 Early prediction of rheumatoid arthritis by serological variables and magnetic resonance imaging of the wrists and finger joints: results from prospective clinical examination *M Tamai, A Kawakami, M Uetani, S Takao, H Rashid, F Tanaka, K Fujikawa, T Aramaki, H Nakamura, N Iwanaga, Y Izumi, K Arima, K Aratake, M Kamachi, M Huang, T Origuchi, H Ida, K Aoyagi, K Eguchi*
- 136 Brain natriuretic peptide is a potentially useful screening tool for the detection of cardiovascular disease in patients with rheumatoid arthritis *S M J Harney, J Timperley, C Daly, A Harin, T James, M A Brown, A P Banning, K Fox, S Donnelly, B P Wordsworth*
- 137 Severe relapse of Wegener's granulomatosis during the early postpartum period *A Woywodt, K de Groot, S Bahte, A Schwarz, H Haller, M Haubitz*
- 138 HLA-DR11 and HLA-DR2 are negatively associated with autoantibody production in chronic hepatitis C *C-Y Hu, C-S Wu, C-S Lee, C-H Wu, H-F Tsai, P-J Chen, P-N Hsu*

140 Forthcoming events

140 Correction

Echo

- 13 Occupational risks for osteoarthritis of hip, knee, and hand need urgent study