

# 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

Paco Welsing (Nijmegen)

## Editorial board

Martin Aringer (Vienna)  
Paul Bacon (Birmingham)  
Francis Berenbaum (Paris)  
Barry Bresnihan (Dublin)  
Hillary Capell (Glasgow)  
Maurizio Cutolo (Genova)  
Philippe Goupille (Tours)  
Ellen Gravallese (Boston)  
Francis Guillemain (Nancy)  
Gary Firestein  
(La Jolla San Diego)  
Gabriel Herrero-Beaumont  
(Madrid)  
Wolfgang Gross  
(Bad Bramstedt)  
Frederic Houssiau (Brussels)  
Tom Huizinga (Leiden)  
Christian Jorgensen  
(Montpellier)  
George Kollias (Athens)  
Tore Kvien (Oslo)  
Marjatta Leirisalo-Repo  
(Lund)  
Frank Luijten (Leuven)  
Hanns-Martin Lorenz  
(Heidelberg)

Marco Matucci Cerinic  
(Florence)  
Kusuki Nishioka (Kanagawa)  
Seza Özen (Ankara)  
Thomas Pap (Magdeburg)  
Eliseo Pascual Gómez  
(Alicante)  
Lars Rönnblom (Uppsala)  
Blaž Rozman (Ljubljana)  
Georg Schett (Vienna)  
José Da Silva (Coimbra)  
Hendrik Schulze-Koops  
(Erlangen)  
Alex So (Lausanne)  
Tuulikki Sokka (Nashville)  
Paul-Peter Tak (Amsterdam)  
Alan Tyndall (Basel)  
Athanasios Tzioufas (Athens)  
Jiří Vencovsky (Praag)  
Michael Ward (Bethesda)  
Patricia Woo (London)  
Michael Yaron (Tel Aviv)  
Hasan Yazici (Istanbul)  
Editor, *BMJ*

## Advisory committee

Wim vd Berg (Nijmegen)  
Stefano Bombardieri (Pisa)  
Ferdinand Breedveld  
(Leiden)  
Leslie Crofford (Michigan)  
Jean-Michel Dayer (Geneva)  
Mike Doherty (Nottingham)  
Maxime Dougados (Paris)  
John Edmonds (Sydney)  
Paul Emery (Leeds)  
Daniel Furst (Seattle)  
Steffen Gay (Zurich)  
Joachim Kalden (Erlangen)  
Edward Keystone (Toronto)  
Lars Klareskog (Stockholm)

Peter Lipsky (Dallas)  
Stefan Lohmander (Lund)  
Ravinder Maini (London)  
Emilio Martin Mola (Madrid)  
Haralampos Moutsopoulos  
(Athens)  
James O'Dell (Omaha)  
Karel Pavelka (Prague)  
Josef Rovinsky (Piestany)  
Yehuda Shoenfeld  
(Tel-Hashomer)  
Josef Smolen (Vienna)  
Walther van Venrooy  
(Nijmegen)  
Eric Veys (Gent)  
Allan Wiik (Denmark)

## Instructions to authors

Full instructions are available online at  
[www.annrheumdis.com/misc/ifora.shtml](http://www.annrheumdis.com/misc/ifora.shtml)  
If you do not have web access please contact the editorial office:  
Email: [annrheumdis.edoff@worldonline.nl](mailto:annrheumdis.edoff@worldonline.nl)

## Subscription information

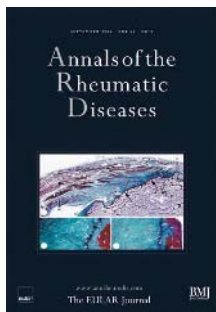
See p iv

## Copyright

© 2004 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](http://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



Histology and histopathology of the medial and lateral epicondylar entheses. See p 1015

## contents ARD

Volume 63 Number 9 September 2004

## Editorial

1007 Success causes growing pains L B A van de Putte (editor) on behalf of the editorial team

## Leader

1007 Do imaging methods that guide needle placement improve outcome? S Hall, R Buchbinder

## Review

1009 A new era in the management of pulmonary arterial hypertension related to scleroderma: endothelin receptor antagonism E Hachulla, J G Coghlan

## Extended reports

1015 Molecular composition and pathology of entheses on the medial and lateral epicondyles of the humerus: a structural basis for epicondylitis S Milz, T Tischer, A Buettner, M Schieker, M Maier, S Redman, P Emery, D McGonagle, M Benjamin

1022 Genetic risk of knee osteoarthritis: a sibling study R L Neame, K Muir, S Doherty, M Doherty

1028 The IPSO study: ibuprofen, paracetamol study in osteoarthritis. A randomised comparative clinical study comparing the efficacy and safety of ibuprofen and paracetamol analgesic treatment of osteoarthritis of the knee or hip F Boureau, H Schneid, N Zeghari, R Wall, P Bourgeois

1035 Suprascapular nerve block in chronic shoulder pain: are the radiologists better? E M Shanahan, M D Smith, M Wetherall, C W Lott, J Slavotinek, O FitzGerald, M J Ahern

1041 Efficacy of anakinra in active ankylosing spondylitis: a clinical and magnetic resonance imaging study A L Tan, H Marzo-Ortega, P O'Connor, A Fraser, P Emery, D McGonagle

1046 Analysing chronic spinal changes in ankylosing spondylitis: a systematic comparison of conventional x rays with magnetic resonance imaging using established and new scoring systems J Braun, X Baraliakos, W Golder, K-G Hermann, J Listing, J Brandt, M Rudwaleit, S Zuehlsdorf, M Bollow, J Sieper, D van der Heijde

1056 Differential effects of leflunomide and methotrexate on cytokine production in rheumatoid arthritis M C Kraan, T J M Smeets, M J van Loon, F C Breedveld, B A C Dijkmans, P P Tak

1062 A multicentre, double blind, randomised, placebo controlled trial of anakinra (Kineret), a recombinant interleukin 1 receptor antagonist, in patients with rheumatoid arthritis treated with background methotrexate S B Cohen, L W Moreland, J J Cush, M W Greenwald, S Block, W J Shergy, P S Hanrahan, M M Khraishi, A Patel, G Sun, M B Bear, the 990145 Study Group

1069 A randomised comparative study of the short term clinical and biological effects of intravenous pulse methylprednisolone and infliximab in patients with active rheumatoid arthritis despite methotrexate treatment P Durez, A Nzeusseu Toukap, B R Lauwerys, D H Manicourt, P Verschueren, R Westhovens, J-P Devogelaer, F A Houssiau

**NEW**  
**ONLINE**  
**SUBMISSION**  
**GO TO**  
**WEBSITE**  
**TO SUBMIT YOUR**  
**MANUSCRIPT**

- 1075 Treatment with tumour necrosis factor  $\alpha$  antagonists in patients with rheumatoid arthritis induces anticardiolipin antibodies *T Jonsdottir, J Forslid, A van Vollenhoven, A Harju, S Brannemark, L Klareskog, R F van Vollenhoven*
- 1079 Diagnostic and clinical value of anti-cyclic citrullinated peptide antibodies compared with rheumatoid factor isotypes in rheumatoid arthritis *I Vallbracht, J Rieber, M Oppermann, F Förger, U Siebert, K Helmke*
- 1085 Anti-CCP antibody test predicts the disease course during 3 years in early rheumatoid arthritis (the Swedish TIRA project) *A Kastbom, G Strandberg, A Lindroos, T Skogh*
- 1090 Prediction of radiological outcome in early rheumatoid arthritis in clinical practice: role of antibodies to citrullinated peptides (anti-CCP) *K Forslind, M Ahlmén, K Eberhardt, I Hafström, B Svensson, for the BARFOT study group*
- 1096 Inverse association between circulating APRIL levels and serological and clinical disease activity in patients with systemic lupus erythematosus *W Stohl, S Metyas, S-M Tan, G S Cheema, B Oamar, V Roschke, Y Wu, K P Baker, D M Hilbert*
- 1104 First clinical trials of a new heteropolymer technology agent in normal healthy volunteers and patients with systemic lupus erythematosus: safety and proof of principle of the antigen-heteropolymer ETI-104 *C Iking-Konert, S Stocks, F Weinsberg, R Engelbrecht, E Bleck, A Perniok, R Fischer-Betz, S Pincus, L Nardone, M Schneider*
- 1113 Three month treatment of reactive arthritis with azithromycin: a EULAR double blind, placebo controlled study *T K Kvien, J S H Gaston, T Bardin, I Butrimiene, B A C Dijkmans, M Leirisalo-Repo, P Solakov, M Altwegg, P Mowinckel, P-A Plan, T Vischer*
- 1120 Efficacy of etanercept in the treatment of acute, severe sciatica: a pilot study *S Genevay, S Stingelin, C Gabay*
- 1124 Rate of cartilage loss at two years predicts subsequent total knee arthroplasty: a prospective study *F M Cicuttini, G Jones, A Forbes, A E Wluka*
- 1128 Hepatitis B vaccination in children with juvenile idiopathic arthritis *Ö Kasapçopur, F Çullu, A Kamburođlu-Goksel, H Çam, E Akdenizli, S Çalykan, L Sever, N Arýsoy*
- 1131 Radiological sacroiliitis, a hallmark of spondylitis, is linked with CARD15 gene polymorphisms in patients with Crohn's disease *H Peeters, B Vander Cruyssen, D Laukens, P Coucke, D Marichal, M Van Den Berghe, C Cuvelier, E Remaut, H Mielants, F De Keyser, M De Vos*
- 1135 Extranuclear detection of histones and nucleosomes in activated human lymphoblasts as an early event in apoptosis *C Gabler, N Blank, T Hieronymus, M Schiller, J H M Berden, J R Kalden, H-M Lorenz*

- 1145 The normal hip joint space: variations in width, shape, and architecture on 223 pelvic radiographs *M Lequesne, J Malghem, E Dion*

## Concise reports

- 1152 Parental pain is not associated with pain in the child: a population based study *GT Jones, A J Silman, G J Macfarlane*
- 1155 Specific antinuclear antibodies are associated with clinical features in systemic lupus erythematosus *I E A Hoffman, I Peene, L Meheus, T W J Huizinga, L Cebecever, D Isenberg, K De Bosschere, F Hulstaert, E M Veys, F De Keyser*
- 1159 Presence of systemic autoimmune disorders in patients with autoimmune thyroid diseases *M G Tektonidou, M Anapliotou, P Vlachoyiannopoulos, H M Moutsopoulos*
- 1162 Increased matrix concentrations of IGFBP-5 in cancellous bone in osteoarthritis *C A Sharp, S J Brown, M W J Davie, P Magnusson, S Mohan*
- 1166 Relationship between serum hyaluronic acid level and disease activity in early rheumatoid arthritis *M Majeed, F McQueen, S Yeoman, L McLean*
- 1169 Diagnostic characteristics of a gelatin based Waaler-Rose assay (Serodia-RA) for the detection of rheumatoid factor *T Spiritus, P Verschueren, R Westhovens, X Bossuyt*

## EULAR report

- 1172 EULAR standardised operating procedures for the elaboration, evaluation, dissemination, and implementation of recommendations endorsed by the EULAR standing committees *M Dougados, N Betteridge, G R Burmester, L Euler-Ziegler, F Guillemain, J Hirvonen, J Lloyd, S Ozen, J A P Da Silva, P Emery, J R Kalden, T Kvien, M Matucci-Cerinic, J Smolen*

## Letters

- 1177 Palmar fasciitis and polyarthritis as a paraneoplastic syndrome associated with tubal carcinoma: a case report *D Denschlag, E Riener, P Vaith, C Tempfer, C Keck*
- 1178 *Mycobacterium chelonae* finger infection associated with Raynaud's phenomenon *H Sari-Kouzel, P R Chadwick, L T S W Muir, A L Herrick, D W Denning*
- 1179 Progression of lupus nephritis during treatment with mycophenolate mofetil *K Ahmadi-Simab, P Lamprecht, W L Gross*
- 1180 Assessment of the clinically relevant change in pain for patients with sciatica *B Giraudeau, S Rozenberg, J-P Valat*

- 1182 Correction

- 1182 Forthcoming events



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