

ARD

Annals of the Rheumatic Diseases
The EULAR Journal

Editor

Leo van de Putte (Nijmegen)

Associate editors

Thomas Bardin (Paris)
Gerd Burmester (Berlin)
Bevrah Hahn (Los Angeles)
Frank Wollheim (Lund)
Tony Woolf (Truro)

Methodological adviser

Paco Welsing (Nijmegen)

Editorial board

Paul Bacon (Birmingham)
Wim van den Berg (Nijmegen)
Maarten Boers (Amsterdam)
Barry Bresnihan (Dublin)
Maurizio Cutolo (Genova)
Maxime Dougados (Paris)
Gary Firestein (San Diego)
Wolfgang Gross (Lubeck)
Mieke Hazes (Leiden)
Gabriel Herrero-Beaumont (Madrid)
Marc Hochberg (Baltimore)
Christian Jorgensen (Montpellier)
Tore Kvien (Oslo)
Marjatta Leirisalo-Repo (Helsinki)

Frank Luyten (Leuven)
Blaž Rozman (Ljubljana)
Hendrik Schulze-Koops (Erlangen)
Josef Smolen (Vienna)
Alex So (Lausanne)
Deborah Symmons (Manchester)
Auli Toivanen (Turku)
Alan Tyndall (Basle)
A Tzioufas (Athens)
Jiří Vencovsky (Praag)
Michael Weisman (Los Angeles)
Patricia Woo (London)
Hasan Yazıcı (Istanbul)
Editor, BMJ

Advisory committee

Bernard Amor (Paris)
Stefano Bombardieri (Pisa)
Ferdinand Breedveld (Leiden)
Leslie Crofford (Ann Arbor)
Jean-Michel Dayer (Geneva)
Marie Christine de Vernejoul (Paris)
Michael Doherty (Nottingham)
John Edmonds (Sydney)
Paul Emery (Leeds)
Øystein Førre (Oslo)
Daniel Furst (Seattle)
Steffen Gay (Zurich)
Joachim Kalden (Erlangen)
Edward Keystone (Toronto)
Lars Klareskog (Stockholm)

Peter Lipsky (Bethesda)
Stefan Lohmander (Lund)
Roman Lorenc (Warsaw)
R Maini (London)
Emilio Martin-Mola (Madrid)
Haralampos Moutsopoulos (Athens)
James O'Dell (Omaha)
Karel Pavelka (Prague)
Josef Rovinsky (Piestany)
Yehuda Shoenfeld (Tel-Hashomer)
Walther van Venrooij (Nijmegen)
Eric Veys (Gent)
Thomas Vischer (Geneva)
Allan Wiik (Copenhagen)

Instructions to authors

Full instructions are available online at www.annrheumdis.com/misc/ifora.shtml
If you do not have web access please contact the editorial office:
Editor: Annals of the Rheumatic Diseases
University Medical Centre Nijmegen
Department of Rheumatology
PO BOX 9101
6500 HB Nijmegen
Netherlands
Telephone +31 24 361 9851
Fax +31 24 361 9850
Email: annrheumdis.edoff@worldonline.nl

Subscription information

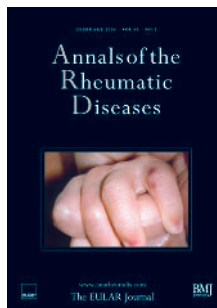
See p iv

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

• *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



Cyanotic lesions at room temperature. See p 217



See p 130

NEW
ONLINE
SUBMISSION
GO TO
WEBSITE
TO SUBMIT YOUR
MANUSCRIPT

contents ARD

Volume 63 Number 2 February 2004

Leaders

- 115 Acquired resistance of human T cells to sulfasalazine *D E Furst*
117 Non-surgical treatment of osteoarthritis: a half century of "advances" *K D Brandt*

Review

- 123 Hepatic manifestations of autoimmune rheumatic diseases *S Abraham, S Begum, D Isenberg*

Unusual and memorable

- 130 Case Number 29: Ochronosis: synovial histopathological characteristics *E Kruihof, D Baeten, E M Veys, F De Keyser, S Suykens, L De Wilde, R Verdonk*

Extended reports

- 131 Acquired resistance of human T cells to sulfasalazine: stability of the resistant phenotype and sensitivity to non-related DMARDs *J van der Heijden, M C de Jong, B A C Dijkmans, W F Lems, R Oerlemans, I Kathmann, G L Scheffer, R J Scheper, Y G Assaraf, G Jansen*
138 Development of sulfasalazine resistance in human T cells induces expression of the multidrug resistance transporter ABCG2 (BCRP) and augmented production of TNF α *J van der Heijden, M C de Jong, B A C Dijkmans, W F Lems, R Oerlemans, I Kathmann, C G Schalkwijk, G L Scheffer, R J Scheper, G Jansen*
144 Infliximab treatment for rheumatoid arthritis, with dose titration based on the Disease Activity Score: dose adjustments are common but not always sufficient to assure sustained benefit *P Sidiropoulos, G Bertias, H D Kritikos, H Kouroumalis, K Voudouris, D T Boumpas*
149 Infliximab in active early rheumatoid arthritis *F C Breedveld, P Emery, E Keystone, K Patel, D E Furst, J R Kalden, E W St Clair, M Weisman, J Smolen, P E Lipsky, R N Maini*
156 Treatment of refractory psoriatic arthritis with infliximab: a 12 month observational study of 16 patients *M Feletar, J E Brockbank, C T Schentag, V Lapp, D D Gladman*
162 Development of the PsAQoL: a quality of life instrument specific to psoriatic arthritis *S P McKenna, L C Doward, D Whalley, A Tennant, P Emery, D J Veale*
170 Inhibition of leukotriene B $_4$ -induced CD11b/CD18 (Mac-1) expression by BIIL 284, a new long acting LTB $_4$ receptor antagonist, in patients with rheumatoid arthritis *R Alten, E Gromnica-Ihle, C Pohl, J Emmerich, J Steffgen, R Roscher, R Sigmund, B Schmolke, G Steinmann*
177 Self reported non-vertebral fractures in rheumatoid arthritis and population based controls: incidence and relationship with bone mineral density and clinical variables *R E Ørstavik, G Haugeberg, T Uhlig, P Mowinckel, J A Falch, J I Halse, T K Kvien*

- 183 Access to bone densitometry increases general practitioners' prescribing for osteoporosis in steroid treated patients *A L Dolan, E Koshy, M Waker, C M Goble*
- 187 Decreased prevalence of atopy in paediatric patients with familial Mediterranean fever *C Sackesen, A Bakkaloglu, B E Sekerel, F Ozaltin, N Besbas, E Yilmaz, G Adalioglu, S Ozen*
- 191 Dual effects of 17 β -oestradiol on interleukin 1 β -induced proteoglycan degradation in chondrocytes *P Richette, M F Dumontier, M François, L Tsagris, C Korwin-Zmijowska, F Rannou, M T Corvol*
- 200 Severity and extent of osteoarthritis and low grade systemic inflammation as assessed by high sensitivity C reactive protein *T Stürmer, H Brenner, W Koenig, K-P Günther*

Concise report

- 206 Methotrexate treatment in juvenile idiopathic arthritis: when is the right time to stop? *D Foell, M Frosch, A Schulze zur Wiesch, T Vogl, C Sorg, J Roth*

Letters

- 209 Secondary addition of methotrexate to partial responders to etanercept alone is effective in severe rheumatoid arthritis *J D Cohen, S Zaltini, M J Kaiser, M C Bozonnat, C Jorgensen, J P Daurès, J Sany*
- 210 Blunted coronary flow reserve in systemic sclerosis: a sign of cardiac involvement in asymptomatic patients *A Sulli, M Ghio, G P Bezante, L Deferrari, C Cravioito, V Sebastiani, M Setti, G Filaci, F Puppo, A Barsotti, M Cutolo, F Indiveri*
- 211 Incidentally discovered asymptomatic necrotising intra-abdominal vasculitis after

peripheral gastric bypass surgery for morbid obesity *A Bounas, M Melachrinou, G Giannopoulos, N Meimaris, P Aroukatos, F Kalfarentzos, A P Andonopoulos*

- 213 Ultrasound detection of knee patellar enthesitis: a comparison with magnetic resonance imaging *M Kamel, H Eid, R Mansour*
- 214 Longlasting effects of immunoabsorption in severe Sjögren's syndrome *M Böhm, T Dörner, F Knebel, A Bruns, N Jochmann, G Baumann*
- 215 Juvenile temporal arteritis and activated protein C resistance *B Granel, J Serratrice, N Ene, P E Morange, P Disdier, P-J Weiller*
- 216 Serum osteoprotegerin but not receptor activator of NF- κ B ligand correlates with Larsen score in rheumatoid arthritis *M Skoumal, G Kolarz, W Woloszczuk, G Hawa, A Klingler*
- 217 Successful management of neonatal cryoglobulinaemia after a gemellar pregnancy in a woman with symptomatic type I cryoglobulinaemia *J Sibilia, O Feugeas, V Laugel, A Dreval, J Messer, J Goetz*

- 219 Primary Raynaud's phenomenon in monozygotic twins *T Oskay, Ü Ölmez*

- 220 Forthcoming events

Echoes

- 155 Rofecoxib v naproxen v placebo in rheumatoid arthritis: gastroduodenal ulcer incidence
- 205 Knee symptoms common among men of working age



See p 211



See p 213