



Cover image: Systemic sclerosis (SSc) serum increases endothelial activation in neutrophil co-cultures. See p 368.

Editor

Tore K Kvien

Associate Editors

Francis Berenbaum
Hans Bijlsma
Dimitrios Boumpas
Gerd Burmester
Mary Crow
Iain McInnes

Editorial office

Annals of the Rheumatic Diseases
BMJ Publishing Group Ltd
BMA House
Tavistock Square
London WC1H 9JR, UK
T: +44 (0)20 7383 6250
F: +44 (0)20 7383 6668
E: ard@bmj.com
ISSN: 0003-4967 (print)
ISSN: 1468-2060 (online)
Impact Factor: 8.11

Disclaimer: ARD is owned and published by BMJ Publishing Group Ltd (a wholly owned subsidiary of the British Medical Association) and the European League Against Rheumatism. The owners grant editorial freedom to the Editor of ARD. ARD follows guidelines on editorial independence produced by the World Association of Medical Editors and the code on good publication practice of the Committee on Publication Ethics.

ARD is intended for medical professionals and is provided without warranty, express or implied. Statements in the journal are the responsibility of their authors and advertisers and not authors' institutions the BMJ Publishing Group, the European League Against Rheumatism or the BMA unless otherwise specified or determined by law. Acceptance of advertising does not imply endorsement.

To the fullest extent permitted by law, the BMJ Publishing Group shall not be liable for any loss, injury or damage resulting from the use of ARD or any information in it whether based on contract, tort, or otherwise. Readers are advised to verify any information they choose to rely on.

Copyright: © 2011 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 prior permission

ARD is published by BMJ Publishing Group Ltd typeset by Newgen and printed in the UK on acid-free paper from sustainable forests by Latimer Trend, Plymouth

Annals of the Rheumatic Diseases (ISSN No: 0003-4967) is published monthly by BMJ Publishing Group and distributed in the USA by Mercury International Ltd. Periodicals postage paid at Rahway, NJ, USA. POSTMASTER: send address changes to *Annals of the Rheumatic Diseases* Mercury International Ltd, 365 Blair Road, Avenel NJ 07001, USA.

Editorial

- 241** The 'disconnect' between synovitis and erosion in rheumatoid arthritis: a result of treatment or intrinsic to the disease process itself
F McQueen, E Naredo

Viewpoint

- 245** Statin therapy in lupus-mediated atherogenesis: two birds with one stone?
S I van Leuven, Y V Mendez-Fernandez, E S Stroes, P P Tak, A S Major

Recommendation

- 249** ASAS recommendations for collecting, analysing and reporting NSAID intake in clinical trials/epidemiological studies in axial spondyloarthritis
M Dougados, P Simon, J Braun, R Burgos-Vargas, W P Maksymowych, J Sieper, D van der Heijde

Clinical and epidemiological research

- 252** No overall progression and occasional repair of erosions despite persistent inflammation in adalimumab-treated rheumatoid arthritis patients: results from a longitudinal comparative MRI, ultrasonography, CT and radiography study
U M Döhn, B Ejbjerg, A Boonen, M L Hetland, M S Hansen, L S Knudsen, A Hansen, O R Madsen, M Hasselquist, J M Møller, M Østergaard
- 259** A genome-wide association study suggests contrasting associations in ACPA-positive versus ACPA-negative rheumatoid arthritis
L Padyukov, M Seielstad, R T H Ong, B Ding, J Rönnelid, M Seddighzadeh, L Alfredsson, L Klareskog, the Epidemiological Investigation of Rheumatoid Arthritis (EIRA) Study Group
- 266** Indirect comparisons of the efficacy of biological antirheumatic agents in rheumatoid arthritis in patients with an inadequate response to conventional disease-modifying antirheumatic drugs or to an anti-tumour necrosis factor agent: a meta-analysis
C Salliot, A Finckh, W Katchamart, Y Lu, Y Sun, C Bombardier, E Keystone
- 272** Development of a preliminary composite disease activity index in psoriatic arthritis
A Mumtaz, P Gallagher, B Kirby, R Waxman, L C Coates, D Veale, J, P Helliwell, O FitzGerald
- 278** Reliability and construct validity of ultrasonography of soft tissue and destructive changes in erosive osteoarthritis of the interphalangeal finger joints: a comparison with MRI
R Wittoek, L Jans, V Lambrecht, P Carron, K Verstraete, G Verbruggen
- 284** The presence or absence of antibodies to infliximab or adalimumab determines the outcome of switching to etanercept
A Jannitski, G M Bartelds, M T Nurmohamed, P A van Schouwenburg, D van Schaardenburg, S O Stapel, B A C Dijkmans, L Aarden, G J Wolbink
- 289** Association of *STAT3* and *TNFRSF1A* with ankylosing spondylitis in Han Chinese
S I Davidson, Y Liu, P A Danoy, X Wu, G P Thomas, L Jiang, L Sun, N Wang, J Han, H Han, Australo-Anglo-American Spondyloarthritis Consortium, P M Visscher, M A Brown, H Xu
- 293** Association of bone attrition with knee pain, stiffness and disability: a cross-sectional study
S Reichenbach, P A Dieppe, E Nuesch, S Williams, P M Villiger, P Jüni
- 299** FCγ receptor IIIb polymorphism and use of glucocorticoids at baseline are associated with infusion reactions to infliximab in patients with rheumatoid arthritis
A Okuyama, H Nagasawa, K Suzuki, H Kameda, H Kondo, K Amano, T Takeuchi
- 305** Inflammation in an individual joint predicts damage to that joint in psoriatic arthritis
L Cresswell, V Chandran, V T Farewell, D D Gladman
- 309** A preliminary score for the assessment of disease activity in hereditary recurrent fevers: results from the AIDAI (Auto-Inflammatory Diseases Activity Index) Consensus Conference
M Piram, J Frenkel, M Gattorno, S Ozen, H J Lachmann, R Goldbach-Mansky, V Hentgen, B Neven, K S Stojanovic, A Simon, J Kummerle-Deschner, H Hoffman, S Stojanov, A Duquesne, P Pillet, A Marini, J Pouchot, I Koné-Paut, on behalf of the EUROFEVER and EUROTRAPS networks
- 315** Discontinuing treatment in patients with rheumatoid arthritis in sustained clinical remission: exploratory analyses from the BeSt study
N B Klarenbeek, S M van der Kooij, M Güler-Yülkesel, J H L M van Groenendaal, K H Han, P J S M Kerstens, T W J Huizinga, B A C Dijkmans, C F Allaart
- 320** Arthropathy in long-term cured acromegaly is characterised by osteophytes without joint space narrowing: a comparison with generalised osteoarthritis
M J E Wassenaar, N R Biermasz, J Bijsterbosch, A M Pereira, I Meulenbelt, J W A Smit, F Roelfsema, H M Kroon, J A Romijn, M Kloppenburg
- 326** Systemic and local factors are involved in the evolution of erosions in hand osteoarthritis
J Bijsterbosch, J M van Bemmel, I Wat, I Meulenbelt, F R Rosendaal, T W J Huizinga, M Kloppenburg
- 331** Urinary type II collagen C-terminal peptide is associated with synovitis and predicts structural bone loss in very early inflammatory arthritis
J E Freeston, P Camero, R J Wakefield, E M A Hensor, P G Conaghan, P Emery

MORE CONTENTS ►



This article has been chosen by the editor to be of special interest or importance and is freely available online.



Articles carrying the Unlocked Logo are freely available online under the BMJ Journals unlocked scheme. See <http://ard.bmj.com/info/unlocked.dtl>

C O P E COMMITTEE ON PUBLICATION ETHICS

This journal is a member of and subscribes to the principles of the Committee on Publication Ethics

www.publicationethics.org.uk



When you have finished with this please recycle it

- 334** Limitations in daily activities are the major determinant of reduced health-related quality of life in patients with hand osteoarthritis
W Y Kwok, T P M V Vlieland, F R Rosendaal, T W J Huizinga, M Kloppenburg

- 337** Tumour necrosis factor (TNF)-blocking agents in juvenile psoriatic arthritis: are they effective?
M H Otten, F H M Prince, R ten Cate, M A J van Rossum, M Twilt, E P A H Hoppenreijns, Y Koopman-Keemink, A P Oranje, F B de Waard-van der Speke, S L Gorter, W Armbrust, K M Dolman, N M Wulffraat, L W A van Suijlekom-Smit

Basic and translational research

- 341** IL-17A- versus IL-17F-induced intracellular signal transduction pathways and modulation by IL-17RA and IL-17RC RNA interference in rheumatoid synovialocytes
A Hot, S Zrioual, M-L Toh, V Lenief, P Miossec
- 349** Meta-analysis of genome-wide association studies confirms a susceptibility locus for knee osteoarthritis on chromosome 7q22
E Evangelou, A M Valdes, H J M Kerkhof, U Styrkarsdottir, Y Y Zhu, I Meulenbelt, R J Lories, F B Karassa, P Tytlzanowski, S D Bos, arcOGEN Consortium, T Akune, N K Arden, A Carr, K Chapman, L A Cupples, J Dai, P Deloukas, M Doherty, S Doherty, G Engstrom, A Gonzalez, B V Halldorsson, C L Hammond, D J Hart, H Helgadóttir, A Hofman, S Ikegawa, T Ingvarsson, Q Jiang, H Jonsson, J Kaprio, H Kawaguchi, K Kisand, M Kloppenburg, U M Kujala, L S Lohmander, J Loughlin, F P Luyten, A Mabuchi, A McCaskie, M Nakajima, P M Nilsson, N Nishida, W E R Ollier, K Panoutsopoulou, T van de Putte, S H Ralston, F Rivadeneira, J Saarela, S Schulte-Merker, D Shi, P E Slagboom, A Sudo, A Tamm, A Tamm, G Thorleifsson, U Thorsteinsdottir, A Tsezou, G A Wallis, J M Wilkinson, N Yoshimura, E Zeggini, G Zhai, F Zhang, I Jonsdóttir, A G Uitterlinden, D T Felson, J B van Meurs, K Stefánsson, J P A Ioannidis, T D Spector, Translation Research in Europe Applied Technologies for Osteoarthritis (TreatOA)
- 356** Effects of p38 mitogen-activated protein kinase inhibition on anti-neutrophil cytoplasmic autoantibody pathogenicity in vitro and in vivo
B S van der Veen, M Chen, R Müller, M M van Timmeren, A H Petersen, P A Lee, S C Satchell, P W Mathieson, M A Saleem, C A Stegeman, J Zwerina, G Molema, P Heeringa
- 366** Endothelial activation and apoptosis mediated by neutrophil-dependent interleukin 6 trans-signalling: a novel target for systemic sclerosis?
T C Barnes, D G Spiller, M E Anderson, S W Edwards, R J Moots
- 373** Anti-citrullinated protein antibodies have a low avidity compared with antibodies against recall antigens
P Suwannahai, H U Scherer, D van der Woude, A Ioan-Facsinay, C M Jol-van der Zijde, M J D van Tol, J W Drijfhout, T W J Huizinga, R E M Toes, L A Trouw

- 380** Anti- β_2 -glycoprotein I IgG antibodies from 1-year-old healthy children born to mothers with systemic autoimmune diseases preferentially target domain 4/5: might it be the reason for their 'innocent' profile?
L Andreoli, C Nalli, M Motta, G L Norman, Z Shums, S Encabo, W L Binder, M Nuzzo, M Frassi, A Lojaccono, T Avcin, P-L Meroni, A Tincani

- 384** Altered dynamics of transforming growth factor β (TGF- β) receptors in scleroderma fibroblasts
Y Asano, H Ihn, M Jimin, K Tamaki, S Saito

Letters

- 388** Dissemination and evaluation of the 3E initiative recommendations for use of methotrexate in rheumatic disorders: results of a study among 2233 rheumatologists
L Gossec, J W J Bijlsma, C Bombardier, H Canhão, J Devlin, C J Edwards, V Hamuryudan, T K Kvien, B F Leeb, E M Martín-Mola, H Mielants, U Müller-Ladner, M Østergaard, I A Pereira, C Ramos-Remus, J Zochling, M Dougados
- 389** Stable bone mineral density in lumbar spine and hip in contrast to bone loss in the hands during long-term treatment with infliximab in patients with rheumatoid arthritis
D A Eekman, M Vis, I E M Bultink, D J Kuik, A E Voskuyl, B A C Dijkmans, W F Lems
- 390** Successful treatment of adult-onset Still's disease refractory to TNF and IL-1 blockade by IL-6 receptor blockade
J Rech, M Ronneberger, M Englbrecht, S Finzel, J Katzenbeisser, K Manger, B Manger, G Schett
- 392** Well controlled, double-blind, placebo-controlled trials of classical Ayurvedic treatment are possible in rheumatoid arthritis
D E Furst, M M Venkatraman, B G K Swamy, M McCann, C Booth-LaForce, P R Manohar, R Sarin, A Mahapatra, P R K Kumar
- 393** US patients of Hispanic and African ancestry develop lupus nephritis early in the disease course: data from LUMINA, a multiethnic US cohort (LUMINA LXXIV)
P I Burgos, G McGwin Jr, G J Pons-Estel, J D Reveille, G S Alarcón, L M Vild
- 395** Dominant Epstein-Barr virus-specific T-cell responses are maintained during moderate and intense immunosuppressive treatment
T Daikeler, G Hoenger, I Oehri, A Tyndall, A Gratwohl, C Brander, T Klimkait, O Gasser, C Hess

Miscellaneous

- 397** Corrections