



Editor

Tore K Kvien

Associate Editors

Francis Berenbaum
Hans Bijlsma
David Pisetsky
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: 8.727

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: © 2013 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 Techset and printed in the UK on acid-free paper.

Annals of the Rheumatic Diseases (ISSN No: 0003-4967) is published monthly by BMJ Publishing Group and distributed in the USA by Air Business Ltd. Periodicals postage paid at Jamaica NY 11431
POSTMASTER: send address changes to *Annals of the Rheumatic Diseases*, Air Business Ltd, c/o Worldnet Shipping Inc., 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA.



Receive regular table of contents by email.
Register using this QR code.

Editorial

- 1 Uncoupling of disease activity and structural damage. Does it matter clinically?
E Villeneuve, B Haraoui

Viewpoint

- 3 Forget personalised medicine and focus on abating disease activity
J S Smolen, D Aletaha

Clinical and epidemiological research

- 7 Rituximab dissociates the tight link between disease activity and joint damage in rheumatoid arthritis patients
D Aletaha, F Alasti, J S Smolen
- 13 A systematic literature review of strategies promoting early referral and reducing delays in the diagnosis and management of inflammatory arthritis
E Villeneuve, J L Nam, M J Bell, C M Deighton, D T Felson, J M Hazes, I B McInnes, A J Silman, D H Solomon, A E Thompson, P H P White, V P Bykerk, P Emery

- 23 Suppression of inflammation and effects on new bone formation in ankylosing spondylitis: evidence for a window of opportunity in disease modification
W P Maksymowych, N Morency, B Conner-Spady, R G Lambert

- 29 Associations of CTX-II with biochemical markers of bone turnover raise questions on its tissue origin: data from CHECK, a cohort study of early osteoarthritis
W E van Spil, K W Drossaers-Bakker, F P J G Lafeber

- 37 Mycobacterial diseases and antitumour necrosis factor therapy in USA
K L Winthrop, R Baxter, L Liu, C D Varley, J R Curtis, J W Baddley, B McFarland, D Austin, L Radcliffe, E B Suhler, D Choi, J T Rosenbaum, L J Herrinton

- 43 Adding tocilizumab or switching to tocilizumab monotherapy in methotrexate inadequate responders: 24-week symptomatic and structural results of a 2-year randomised controlled strategy trial in rheumatoid arthritis (ACT-RAY)
M Dougados, K Kissel, T Sheeran, P P Tak, P G Conaghan, E M Mola, G Schett, H Amial, F Navarro-Sarabia, A Hou, C Bernasconi, T W J Huizinga

- 51 Ultrasonographic assessment of osteophytes in 127 patients with hand osteoarthritis: exploring reliability and associations with MRI, radiographs and clinical joint findings
A Mathiessen, I K Haugen, B Slatkowsky-Christensen, P Boyesen, T K Kvien, H B Hammer

- 57 Impact of tumour necrosis factor inhibitor treatment on radiographic progression in rheumatoid arthritis patients in clinical practice: results from the nationwide Danish DANBIO registry
L M Ørnbjerg, M Østergaard, P Boyesen, N S Krogh, A Thormann, U Tarp, U E Poulsen, J Espesen, V S Ringsdal, N Graudal, G Kollerup, D V Jensen, O R Madsen, B Glimborg, T Christensen, H Lindegaard, D Dencker, A Hansen, A R Andersen, M L Hetland

- 64 Clinical, functional and radiographic consequences of achieving stable low disease activity and remission with adalimumab plus methotrexate or methotrexate alone in early rheumatoid arthritis: 26-week results from the randomised, controlled OPTIMA study
A Kavanaugh, R M Fleischmann, P Emery, H Kupper, L Redden, B Guertel, S Santra, J S Smolen

- 72 Induction therapy with a combination of DMARDs is better than methotrexate monotherapy: first results of the TREACH trial
P H de Jong, J M Hazes, P J Barendregt, M Huisman, D van Zeben, P A van der Lubbe, A H Gerards, M H de Jager, P B de Somerville, B A Grillet, J J Luime, A E Weel

- 79 Incidences of overall and site specific cancers in TNF α inhibitor treated patients with rheumatoid arthritis and other arthritides – a follow-up study from the DANBIO Registry
L Dreyer, L Mellemkjaer, A R Andersen, P Bennett, U E Poulsen, T J Ellingsen, T H Hansen, D V Jensen, L Linde, H M Lindegaard, A G R Loft, H Nordin, E Omerovic, C Rasmussen, A Schlemmer, U Tarp, M L Hetland

- 83 Markers of inflammation and bone remodelling associated with improvement in clinical response measures in psoriatic arthritis patients treated with golimumab
C L Wagner, S Visvanathan, M Elashoff, I B McInnes, P J Mease, G G Krueger, F T Murphy, K Papp, J J Gomez-Reino, M Mack, A Beutler, D Gladman, A Kavanaugh

Basic and translational research

- 89 A novel mouse model that develops spontaneous arthritis and is predisposed towards atherosclerosis
S Rose, M Eren, S Murphy, H Zhang, C S Thaxton, J Chowanice, E A Waters, T J Meade, D E Vaughan, H Perlman

- 96 Genome-wide profiling of target genes for the systemic lupus erythematosus-associated transcription factors IRF5 and STAT4
C Wang, J K Sandling, N Hagberg, O Berggren, S Sigurdsson, O Karlberg, L Rönnblom, M-L Eloranta, A-C Syvänen

- 104 Adalimumab elicits a restricted anti-idiotypic antibody response in autoimmune patients resulting in functional neutralisation
P A van Schouwenburg, L A van de Stadt, R N de Jong, E E L van Buren, S Kruithof, E de Groot, M Hart, S M van Ham, T Rispens, L Aarden, G J Wolbink, D Wouters

MORE CONTENTS ►



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



This article has been made freely available online under the BMJ Journals Open Access scheme. See <http://ard.bmj.com/site/about/guidelines.xhtml#open>



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

- 110** DNA methylome signature in rheumatoid arthritis
K Nakano, J W Whitaker, D L Boyle, W Wang, G S Firestein
- 118** Impact of anti-interleukin-6 receptor blockade on circulating T and B cell subsets in patients with systemic lupus erythematosus
Y Shiota, C Yarboro, R Fischer, T-H Pham, P Lipsky, G G Illei
- 129** Targeted delivery of cytokine therapy to rheumatoid tissue by a synovial targeting peptide
OPEN ACCESS
S E Wythe, D DiCara, T E I Taher, C M Finucane, R Jones, M Bombardieri, Y K S Man, A Nissim, S J Mather, Y Chernajovsky, C Pitzalis
- 136** No evidence of an association between mitochondrial DNA variants and osteoarthritis in 7393 cases and 5122 controls
OPEN ACCESS
G Hudson, K Panoutsopoulou, I Wilson, L Southam, N W Rayner, N Arden, F Birrell, I Carluke, A Carr, K Chapman, P Deloukas, M Doherty, A McCaskie, W E R Ollier, S H Ralston, M R Reed, T D Spector, A M Valdes, G A Wallis, J M Wilkinson, E Zeggini, D C Samuels, J Loughlin, P F Chinnery, arcOGEN Consortium
-
- Letters**
- 140** Expression and modulation of adipolin/C1qdc2: a novel adipokine in human and murine ATDC-5 chondrocyte cell line
J Conde, M Scotce, V López, R Gómez, F Lago, J Pino, J J Gómez-Reino, O Gualillo
- 142** Independent validation of the antiphospholipid score for the diagnosis of antiphospholipid syndrome
S Sciascia, M L Bertolaccini, D Roccatello, M A Khamashta
- 143** Anti-TNF therapy in women with rheumatoid arthritis with a history of carcinoma in situ of the cervix
L K Mercer, A S L Low, J B Galloway, K D Watson, M Lunt, D P M Symmons, K L Hyrich on behalf of the BSRBR Control Centre Consortium
- 144** Increased serum IL-33 levels may indicate vascular involvement in systemic sclerosis
S Terras, E Opitz, R K C Moritz, S Höxtermann, T Gambichler, A Kreuter
- 146** Serum levels of BAFF, but not APRIL, are increased after rituximab treatment in patients with primary Sjögren's syndrome: data from a placebo-controlled clinical trial
R P E Pollard, W H Abdulahad, A Vissink, N Hamza, J G M Burgerhof, J M Meijer, A Visser, M G Huijtema, F K L Spijkerket, C G M Kallenberg, H Bootsma, F G M Kroese
- 148** Recognition of citrullinated and carbamylated proteins by human antibodies: specificity, crossreactivity and the 'AMC-Senshu' method
J Shi, A Willemze, G M C Janssen, P A van Veelen, J W Drijfhout, A Cerami, T W J Huizinga, L A Trouw, R E Toes
- 151** Autoantibodies to small ubiquitin-like modifier activating enzymes in Japanese patients with dermatomyositis: comparison with a UK Caucasian cohort
M Fujimoto, T Matsushita, Y Hamaguchi, K Kaji, Y Asano, F Ogawa, T Yamaoka, K Fujikawa, T Tsukada, K Sato, T Echigo, M Hasegawa, K Takehara
- 153** HLA-A*31:01 and methotrexate-induced interstitial lung disease in Japanese rheumatoid arthritis patients: a multidrug hypersensitivity marker?
H Furukawa, S Oka, K Shimada, Rheumatoid Arthritis-Interstitial Lung Disease Study Consortium, N Tsuchiya, S Tohma
- 155** Anakinra for a refractory case of intermittent hydrarthrosis with a TRAPS-related gene mutation
M Andrés, E Pascual
-
- Miscellaneous**
- 156** Corrections