**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
Twitter: @ARD_BMJ
ISSN: 0003-4967 (print)
ISSN: 1468-2060 (online)
Impact Factor: 10.377

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: © 2015 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.

Criteria

- 1789** 2015 Gout classification criteria: an American College of Rheumatology/European League Against Rheumatism collaborative initiative
6
OPEN ACCESS
EDITOR'S CHOICE
T Neogi, T L Th A Jansen, N Dalbeth, J Fransen, H R Schumacher, D Berendsen, M Brown, H Choi, N L Edwards, H J E M Janssens, F Lioté, R P Naden, G Nuki, A Ogdie, F Perez-Ruiz, K Saag, J A Singh, J S Sundry, A-K Tausche, J Vaquez-Mellado, S A Yarows, W J Taylor

Recommendation

- 1799** 2015 Recommendations for the management of polymyalgia rheumatica: a European League Against Rheumatism/American College of Rheumatology collaborative initiative
C Dejaco, Y P Singh, P Perel, A Huchings, D Camellino, S Mackie, A Abril, A Bachia, P Balint, K Barraclough, L Bianconi, F Buttgerit, S Carsons, D Ching, M Cid, M Cimmino, A Diamantopoulos, W Docken, C Dufiner, B Fashanu, K Gilbert, P Hildreth, J Hollywood, D Jayne, M Lima, A Maharaj, C Mallen, V Martinez-Taboada, M Maz, S Merry, J Miller, S Mori, L Neill, E Nordborg, J Nott, H Padbury, C Pease, C Salvarani, M Schimmer, W Schmidt, R Spiera, D Tronnier, A Wagner, M Whitlock, E L Mateson, B Dasgupta

Review

- 1808** Current evidence for therapeutic interventions and prognostic factors in polymyalgia rheumatica: a systematic literature review informing the 2015 European League Against Rheumatism/American College of Rheumatology recommendations for the management of polymyalgia rheumatica
C Dejaco, Y P Singh, P Perel, A Huchings, D Camellino, S Mackie, E L Mateson, B Dasgupta

Clinical and epidemiological research

- 1818** A longitudinal study of the association between infrapatellar fat pad maximal area and changes in knee symptoms and structure in older adults
F Pan, W Han, X Wang, Z Liu, X Jin, B Antony, F Cicuttini, G Jones, C Ding
- 1825** Lower etanercept levels are associated with high disease activity in ankylosing spondylitis patients at 24 weeks of follow-up
E L Kneepkens, C L M Kriekkaert, D van der Kleij, M T Nurmohamed, I E van der Horst-Bruinsma, T Rispen, G J Wolbink
- 1830** Increased burden of inflammation over time is associated with the extent of atherosclerotic plaques in patients with psoriatic arthritis
L Eder, A Thavaneswaran, V Chandran, R Cook, D D Gladman
- 1836** Fertility in women with rheumatoid arthritis: influence of disease activity and medication
J Brouwer, J M W Hazes, J S E Laven, R J E M Dolhain
- 1842** The relative contribution of mechanical stress and systemic processes in different types of osteoarthritis: the NEO study
A W Visser, R de Mutsert, S le Cessie, M den Heijer, F R Rosendaal, M Kloppenburg, for the NEO Study Group
- 1848** Frequent conversion of tuberculosis screening tests during anti-tumour necrosis factor therapy in patients with rheumatic diseases
C Hatzara, E Hadziyannis, A Kandili, C Koutsianas, A Makers, G Georgiopoulos, D Vassilopoulos

- 1854** The outcomes of juvenile idiopathic arthritis in children managed with contemporary treatments: results from the ReACCh-Out cohort
J Guzman, K Oen, L B Tucker, A M Huber, N Shiff, G Boire, R Scuccimari, R Berard, S M L Tse, K Morishita, E Stringer, N Johnson, D M Levy, K W Duffy, D A Cabral, A M Rosenberg, M Larché, P Dancy, R E Petty, R M Laxer, E Silverman, P Miettinen, A-L Chetaille, E Haddad, K Houghton, L Spiegel, S E Turvey, H Schmeling, B Lang, J Ellsworth, S Ramsey, A Bruins, S Campillo, S Benseler, G Chédeville, R Schneider, R Yeung, C M Duffy, for the ReACCh-Out investigators

- 1861** Genome-wide association and functional studies identify a role for *IGFBP3* in hip osteoarthritis
D S Evans, F Caiotto, N Parimi, A M Valdes, M C Castaño-Betancourt, Y Liu, R C Kaplan, M Bidlingmaier, R S Vasan, A Teumer, G J Tranah, M C Nevitt, S R Cummings, E S Orwoll, E Barrett-Connor, J B Renner, J M Jordan, M Doherty, S A Doherty, A G Uitterlinden, J B J van Meurs, T D Spector, R J Lories, N E Lane

- 1868** Imaging modalities for the classification of gout: systematic literature review and meta-analysis
A Ogdie, W J Taylor, M Weatherall, J Fransen, T L Jansen, T Neogi, H R Schumacher, N Dalbeth

- 1875** A deletion at *ADAMTS9-MAG1* locus is associated with psoriatic arthritis risk
A Julià, J A Pinto, J Gratacós, R Queiró, C Ferrándiz, E Fonseca, C Montilla, J C Torre-Alonso, L Puig, J J Pérez Venegas, A F Nebro, E Fernández, S Muñoz-Fernández, E Daudén, C González, D Roig, J L S Carazo, P Zarco, A Erra, J L L Estebanaraz, J Rodríguez, D M Ramírez, P de la Cueva, F Vanadocha, E Herrera, S Castañeda, E Rubio, G Salvador, C Díaz-Tomé, R Blanco, A W Domínguez, J A Mosquera, P Vela, J Tomero, S Sánchez-Fernández, H Corominas, J Ramírez, M López-Lasanta, R Torosa, N Palau, A Alonso, A C García-Montero, J L Gelpí, L Codó, K Day, D Absher, R M Myers, J D Cañete, S Marsal

- 1882** PTPN22 is associated with susceptibility to psoriatic arthritis but not psoriasis: evidence for a further PsA-specific risk locus
6
OPEN ACCESS
J Bowses, S Lochr, A Budu-Aggrey, S Uebe, I N Bruce, M Felejar, H Marzo-Ortega, P Helliwell, A W Ryan, D Kane, E Korendowycz, G-M Alenius, E Giardina, J Packham, R McManus, O FitzGerald, M A Brown, F Behrens, H Burkhardt, N McHugh, U Huffmeier, P Ho, A Reis, A Barton

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>



COMMITTEE ON PUBLICATION ETHICS

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

<http://publicationethics.org/>



equator network



recycle
When you have finished with this please recycle it




The online version of this article contains multiple choice questions hosted on BMJ Learning.

- 1886** The diagnostic accuracy of the squeeze test to identify arthritis: a cross-sectional cohort study
W B van den Bosch, L Mangnus, M Reijnen, T W J Huizinga, A H M van der Helm-van Mil


Basic and translational research

- 1890** Inadequate corticosterone levels relative to arthritic inflammation are accompanied by altered mitochondria/cholesterol breakdown in adrenal cortex: a steroid-inhibiting role of IL-1 β in rats
C Wolff, K Krinner, J A Schroeder, R H Straub

- 1898** Characterising the expression and function of CCL28 and its corresponding receptor, CCR10, in RA pathogenesis
Z Chen, S-J Kim, A B Essani, M V Volin, O M Vila, W Swedler, S Arami, S Volkov, L V Sardin, N Sweiss, S Shahrara

- 1907** Nitrosative modifications of the Ca²⁺ release complex and actin underlie arthritis-induced muscle weakness
 **OPEN ACCESS**
T Yamada, O Fedotovskaya, A J Cheng, A S Cornachione, F C Minozzo, C Aulin, C Fridén, C Turesson, D C Andersson, B Glenmark, I E Lundberg, D E Rassier, H Westerblad, J T Lanner


- 1915** Toll-like receptor triggering augments activation of human mast cells by anti-citrullinated protein antibodies
J Suurmond, F Rivellese, A L Dorjé, A M Bakker, Y J P C Rombouts, T Rispen, G Wolbink, A Zaldumbide, R C Hoeven, T W J Huizinga, R E M Toes

- 1924** Preclinical characterisation of the GM-CSF receptor as a therapeutic target in rheumatoid arthritis
 **OPEN ACCESS**
D E A Greven, E S Cohen, D M Gerlag, J Campbell, J Woods, N Davis, A van Nieuwenhuijze, A Lewis, S Heasmen, M McCourt, D Corkeill, A Dodd, J Elvin, G Statache, I P Wicks, I K Anderson, A Nash, M A Sleeman, P P Tak

- 1931** Aicardi–Goutières syndrome harbours abundant systemic and brain-reactive autoantibodies
E Cuadrado, A Vanderver, K J Brown, A Sandza, A Takanohashi, M H Jansen, J Anink, B Herron, S Orcesi, I Olivieri, G I Rice, E Aronica, P Lebon, Y J Crow, E M Hol, T W Kuijpers

Letters

- 1940** Prevalence of spondyloarthritis in Serbia: a EULAR endorsed study
M I Zlatkovic-Svenda, R M Stojanovic, S B Sipetic-Grujicic, M M Radak-Perovic, N S Damjanov, F Guillemin

- 1942** Assessment and determinants of aesthetic discomfort in hand osteoarthritis
 **OPEN ACCESS**
A Neuprez, O Bruyère, N Dardenne, S Disièche, E Maheu, N Burlat, P D'Hooghe, J Y Reginster

Electronic pages

Correspondence

- e58** Synovitis in knee osteoarthritis: a precursor or a concomitant feature?
C Zeng, Y-s Li, G-h Lei

- e59** Response to: 'Synovitis in knee osteoarthritis: a precursor or concomitant feature?' by Zeng *et al*
I Atukorala, C K Kwok, A Guermazi, F Roemer, R Boudreau, M J Hannon, D J Hunter

- e60** The significance of the squeeze test to identify arthritis was underestimated or not?
W Luo, C Zeng, H He

- e61** Response to: 'The significance of the squeeze test to identify arthritis was underestimated or not?' by Luo *et al*
W B van den Bosch, L Mangnus, A H M van der Helm-van Mil