**Editor**

Josef S Smolen

Associate Editors

Francis Berenbaum

Dimitrios Boumpas

Mary Crow

Kimme Hyrich

Rik Lories

Iain McInnes

Caroline Ospelt

Thomas Pap

David Pisetsky

Désirée van der Heijde

Kazuhiko Yamamoto

Editorial office

Annals of the Rheumatic Diseases

BMJ Publishing Group Ltd

BMA House

Tavistock Square

London WC1H 9JR, UK

T: +44 (0)20 3655 5889

E: ard@bmj.com

X: @ARD_BMJ

ISSN: 0003-4967 (print)

ISSN: 1468-2060 (online)

Disclaimer: The Editor of *ARD* has been granted editorial freedom and *ARD* is published in accordance with editorial guidelines issued by the World Association of Medical Editors and the Committee on Publication Ethics. *ARD* is primarily intended for healthcare professionals and its content is for information only. The Journal is published without any guarantee as to its accuracy or completeness and any representations or warranties are expressly excluded to the fullest extent permitted by law. Readers are advised to independently verify any information on which they choose to rely. Acceptance of advertising by *ARD* does not imply endorsement. Neither *EULAR* nor BMJ Publishing Group Limited shall have any liability for any loss, injury or damage howsoever arising from *ARD* (except for liability which cannot be legally excluded).

Copyright: © European Alliance of Associations for Rheumatology, EULAR 2024. Published by BMJ. All rights reserved.

ARD is published by BMJ Publishing Group Ltd typeset by Exeter Premedia Services Private Ltd, Chennai, India and printed in the UK on acid-free paper.

Annals of the Rheumatic Diseases, ISSN 0003-4967 (USPS 2152) is published monthly by BMJ Publishing Group Ltd, BMA House, Tavistock Square, WC1H 9JR London. Airfreight and mailing in the USA by agent named World Container Inc, 150-15, 183rd Street, Jamaica, NY 11413, USA. Periodicals postage paid at Brooklyn, NY 11256. US Postmaster: Send address changes to *Annals of the Rheumatic Diseases*, World Container Inc, 150-15, 183rd Street, Jamaica, NY 11413, USA. Subscription records are maintained at BMA House, Tavistock Square, WC1H 9JR London. Air Business Ltd is acting as our mailing agent.

Viewpoint

- 547** Goodbye to the term 'ankylosing spondylitis', hello 'axial spondyloarthritis': time to embrace the ASAS-defined nomenclature
D van der Heijde, A Mohtai, S Ramiro, J Braun, M Dougados, F A van Gaalen, L S Gensler, R D Inman, R B M Landewé, H Marzo-Ortega, V Navarro-Compán, A Phoka, D Poddubnyy, M Protopopov, J Reveille, M Rudwaleit, P Sampaio-Barros, A Sepriano, J Sieper, F E Van den Bosch, I van der Horst-Bruinsma, P M Machado, X Baraliakos

Review

- 550** Shift in perspective: autoimmunity protecting against rheumatoid arthritis
Y He, M Aoun, Z Xu, R Holmdahl

Rheumatoid arthritis

- 556** Comorbidity clusters in patients with rheumatoid arthritis identify a patient phenotype with a favourable prognosis
C S Crowson, E J Atkinson, V L Kronzer, B A Kimbrough, C A Arment, L S Peterson, K Wright, T G Mason II, D I Bekele, J M Davis III, E Myasoedova
- 564** EPO promotes the progression of rheumatoid arthritis by inducing desialylation via increasing the expression of neuraminidase 3
G Wu, B Cao, H Zhai, B Liu, Y Huang, X Chen, H Ling, S Ling, S Jin, X Yang, J Wang
- 576** Proinflammatory phenotype of B10 and B10pro cells elicited by TNF- α in rheumatoid arthritis
F Hu, L Shi, X Liu, Y Chen, X Zhang, Y Jia, X Liu, J Guo, H Zhu, H Liu, L Xu, Y Li, P Wang, X Fang, J Xue, Y Xie, C Wei, J Song, X Zheng, Y-Y Liu, Y Li, L Ren, D Xu, L Lu, X Qiu, R Mu, J He, M Wang, X Zhang, W Liu, Z Li

Spondyloarthritis

- 589** Can rheumatologists unequivocally diagnose axial spondyloarthritis in patients with chronic back pain of less than 2 years duration? Primary outcome of the 2-year SPondyloArthritis Caught Early (SPACE) cohort
M L Marques, S Ramiro, M van Lunteren, R A Stal, R B M Landewé, M van de Sande, K M Fagerli, I J Berg, M van Oosterhout, S Exarchou, R Ramonda, D van der Heijde, F A van Gaalen

599



- Comparison of the effect of treatment with NSAIDs added to anti-TNF therapy versus anti-TNF therapy alone on the progression of structural damage in the spine over 2 years in patients with radiographic axial spondyloarthritis from the randomised-controlled CONSUL trial
F Proft, M Torgutalp, B Muche, V Rios Rodriguez, J Listing, M Protopopov, J Rademacher, H Haibel, L Spiller, A-K Weber, M Verba, J Brandt-Juergens, U Kiltz, M Sieburg, S Jackei, J Sieper, D Poddubnyy

Autoimmunity

- 608** Single-cell profiling reveals kidney CD163⁺ dendritic cell participation in human lupus nephritis
W Chen, B Jin, C Cheng, H Peng, X Zhang, W Tan, R Tang, X Lian, H Diao, N Luo, X Li, J Fan, J Shi, C Yin, J Wang, S Peng, L Yu, J Li, R-Q Wu, D-M Kuang, G-P Shi, Y Zhou, F Wang, X Jiang
- 624** Single-cell transcriptome analyses reveal disturbed decidual homeostasis in obstetric antiphospholipid syndrome
C Lu, R Gao, P Qing, X Zeng, X Liao, M Cheng, L Qin, Y Liu
- 638** Deep immunophenotyping reveals that autoimmune and autoinflammatory disorders are spread along two immunological axes capturing disease inflammation levels and types
N Tchitchek, M Binvignat, A Roux, F Pitoiset, J Dubois, G Marguerit, D Saadoun, P Cacob, J Sellam, F Berenbaum, A Hartemann, C Amouyal, R Lorenzon, E Mariotti-Ferrandiz, M Rosenzwaig, D Klatzmann

MORE CONTENTS ►

Member since 2008
J.M00004

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://authors.bmj.com/open-access/>

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

<http://publicationethics.org/>




When you have finished with this please recycle it


IgG4 related disease

- 651** Withdrawal of immunosuppressants and low-dose steroids in patients with stable IgG4-RD (WInS IgG4-RD): an investigator-initiated, multicentre, open-label, randomised controlled trial
L Peng, Y Nie, J Zhou, L Wu, X Chen, F Wang, J Li, Y Peng, H Lu, L Zhao, M Li, Y Zhao, X Zeng, Y Fei, W Zhang

Osteoarthritis

- 661** Prognostic model to predict the incidence of radiographic knee osteoarthritis
 **OPEN ACCESS**
R Paz-González, V Balboa-Barreiro, L Lourido, V Calamia, P Fernandez-Puente, N Oreiro, C Ruiz-Romero, F J Blanco

Osteoporosis

- 669** Associations of residential greenness with bone mineral density and osteoporosis: the modifying effect of genetic susceptibility
 **EDITOR'S CHOICE**
T Tan, L Tang, X Guo, T Li, Y Tian, Z Ouyang

Images in rheumatology

- 677** Vasculitis that did not read the books
A C Bardan-Inchaustegui, J A Esquivel-Valerio, R d J Castillo-de la Garza, J A Cardenas-de la Garza, V Gonzalez-Gonzalez, D A Galarza-Delgado

Letters

- 679** Validation of the definition of rheumatoid arthritis flare based on SDAI and CDAI in clinical practice in two French independent cohorts
J Avouac, S Hecquet, M Thomas, A Combier, S Carvès, Y Allanore
- 680** Immunomodulators and risk for breakthrough COVID-19 after third SARS-CoV-2 mRNA vaccine among patients with rheumatoid arthritis: a cohort study
A E Schiff, X Wang, N J Patel, Y Kawano, J L Hanberg, E N Kowalski, C E Cook, K MM Vanni, G Qian, K J Bade, A A Saavedra, S Srivatsan, Z K Williams, R K Venkat, Z S Wallace, J A Sparks

- 682** Gender imbalance in expert panels of recommendations in rheumatology
X Luo, Y Ren, Y Chen

Electronic page

- e12** Correction: *Lupus low disease activity state attainment in the phase 3 TULIP trials of anifrolumab in active systemic lupus erythematosus*