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**Editorial**

- 1943** Fracture risk estimation may facilitate the treatment gap in osteoporosis  
*W F Lems*

**Recommendation**

- 1946** EULAR-PreS points to consider for the use of imaging in the diagnosis and management of juvenile idiopathic arthritis in clinical practice  
*A N Colebatch-Bourn, C J Edwards, P Collado, M-A D'Agostino, R Hemke, S Jousse-Joulin, M Maas, A Marini, E Naredo, M Østergaard, M Rooney, N Tzaribachev, M A van Rossum, J Vojnovic, P G Conaghan, C Malattia*

**Clinical and epidemiological research**

- 1958** The accuracy of osteoporotic fracture risk prediction tools: a systematic review and meta-analysis  
*A Marques, R J O Ferreira, E Santos, E Loza, L Carmona, J A P da Silva*
- 1968** Dipeptidyl peptidase-4 inhibitors in type 2 diabetes may reduce the risk of autoimmune diseases: a population-based cohort study  
*S C Kim, S Schneeweiss, R J Glynn, M Doherty, A B Goldfine, D H Solomon*
- 1976** Candidate lesion-based criteria for defining a positive sacroiliac joint MRI in two cohorts of patients with axial spondyloarthritis  
*U Weber, M Østergaard, R G W Lambert, S J Pedersen, S M Chan, V Zubler, K Rufibach, Z Zhao, W P Maksymowych*
- 1983** Epidemiology of primary Sjögren's syndrome: a systematic review and meta-analysis  
*B Qin, J Wang, Z Yang, M Yang, N Ma, F Huang, R Zhong*
- 1990** A novel evidence-based detection of undiagnosed spondyloarthritis in patients presenting with acute anterior uveitis: the DUET (Dublin Uveitis Evaluation Tool)  
*M Haroon, M O'Rourke, P Ramasamy, C C Murphy, O FitzGerald*
- 1996** Early predictors of prognosis in juvenile idiopathic arthritis: a systematic literature review  
*E H P van Dijkhuizen, N M Wulfraat*

- 2006** Efficacy and safety of atacept for prevention of flares in patients with moderate-to-severe systemic lupus erythematosus (SLE): 52-week data (APRIL-SLE randomised trial)  
*D Isenberg, C Gordon, D Licu, S Copt, C P Rossi, D Wofsy*

- 2016** Classification of axial SpA based on positive imaging (radiographs and/or MRI of the sacroiliac joints) by local rheumatologists or radiologists versus central trained readers in the DESIR cohort  
*R van den Berg, G Lenczner, F Thévenin, P Claudépierre, A Feydy, M Rejniersse, A Saraux, A Rahmouni, M Dougados, D van der Heijde*

- 2022** Relationship between radiographic joint space narrowing, sonographic cartilage thickness and anatomy in rheumatoid arthritis and control joints  
*P Mandl, G Supp, G Baksa, H Radner, P Studenic, J Gyebnar, R Kurucz, D Niedermayer, D Aletaha, P V Balint, J S Smolen*
- 2028** The estimated frequency of antiphospholipid antibodies in young adults with cerebrovascular events: a systematic review  
*S Sciascia, G Sanna, M A Khamashta, M J Cuadrado, D Erkan, L Andreoli, M L Bertolaccini, on behalf of APS Action*
- 2034** Attenuating the mortality risk of high serum uric acid: the role of physical activity underused  
*J-H Chen, C P Wen, S B Wu, J-L Lan, M K Tsai, Y-P Tai, J H Lee, C C Hsu, C K Tsao, J P M Wai, P H Chiang, W H Pan, C A Hsiung*
- 2043** Phenotypic and genotypic characteristics of cryopyrin-associated periodic syndrome: a series of 136 patients from the Eurofever Registry  
*R Levy, L Gérard, J Kuemmerle-Deschner, H J Lachmann, I Koné-Paut, L Cantarini, P Woo, A Naselli, B Bader-Meunier, A Insalaco, S M Al-Mayouf, S Ozen, M Hofer, J Frenkel, C Modesto, I Nikishina, T Schwarz, S Martino, A Meini, P Quartier, A Marini, N Ruperto, B Neven, M Gattorno, for PRINTO and Eurofever*
- 2050** Persistence of subclinical sonographic joint activity in rheumatoid arthritis in sustained clinical remission  
*M Gärtner, F Alasti, G Supp, P Mandl, J S Smolen, D Aletaha*

**Basic and translational research**

- 2054** Defining the role of *Porphyromonas gingivalis* peptidylarginine deiminase (PPAD) in rheumatoid arthritis through the study of PPAD biology  
*M F König, A S Paracha, M Moni, C O Bingham III, F Andrade*
- 2062** Gadolinium-based compounds induce NLRP3-dependent IL-1 $\beta$  production and peritoneal inflammation  
*C Schmidt-Lauber, L Bossaller, H H Abujudeh, G I Vladimer, A Christ, K A Fitzgerald, E Latz, E M Gravallesse, A Marshak-Rothstein, J Kay*

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MCQs

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- 2070** Impact of the leucocyte immunoglobulin-like receptor A3 (*LILRA3*) on susceptibility and subphenotypes of systemic lupus erythematosus and Sjögren's syndrome

*Y Du, Y Su, J He, Y Yang, Y Shi, Y Cui, C Luo, X Wu, X Liu, F Hu, X Ma, L Zheng, J Zhang, X Zuo, Y Sheng, L Wu, X Zhang, J Guo, Z Li*

- 2076** Dietary fatty acid content regulates wound repair and the pathogenesis of osteoarthritis following joint injury

*C-L Wu, D Jain, J N McNeill, D Little, J A Anderson, J L Huebner, V B Kraus, R M Rodriguez, W C Wetsel, F Guilak*

- 2084** Disease-regulated local IL-10 gene therapy diminishes synovitis and cartilage proteoglycan depletion in experimental arthritis

*E A Vermeij, M G A Broeren, M B Bemmink, O J Arntz, I Gjerfsson, P L E M van Lent, W B van den Berg, M I Koenders, F A J van de Loo*

- 2092** *ERAP2* functional knockout in humans does not alter surface heavy chains or HLA-B27, inflammatory cytokines or endoplasmic reticulum stress markers

*P C Robinson, E Lau, P Keith, M C Lau, G P Thomas, L A Bradbury, M A Brown, T J Kenna*

- 2099** Association of chemokine CXC ligand 12 gene polymorphism (rs1746048) with cardiovascular mortality in patients with rheumatoid arthritis: results from the Norfolk Arthritis Register

*I Ibrahim, J Humphreys, I Mokehtar, T Marshall, S Verstappen, D Symmons, S Viatte, A Barton, D Plant*

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## Correction

- 2102** Correction

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## Electronic pages

### Correspondence

- e62** In the idiopathic inflammatory myopathies, reactive oxygen species are at the crossroad between immune and non-immune cell-mediated mechanisms

*A Meyer, J Sibiña, B Geny*

- e63** Response to: 'In the idiopathic inflammatory myopathies, reactive oxygen species are at the crossroad between immune and non-immune cell mediated mechanisms' by Meyer *et al*

*A P Lightfoot, R G Cooper*

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## Letters

- 2097** Does the multi-biomarker disease activity score have diagnostic value in early rheumatoid arthritis and unclassified arthritis?



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*K I Majjer, W Li, E H Sasso, D M Gerlag, N A Defranoux, P P Tak*