



Figure caption: Ultrasonographic images of the metacarpophalangeal (MCP) 2 (A) and metatarsophalangeal. See p 1996.

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## Editorial

- 1881** Do the treatment with glucocorticoids and/or the disease itself drive the impairment in glucose metabolism in patients with rheumatoid arthritis?  
*F Buttgerieit*

## Viewpoints

- 1884** Defining radiographic incidence and progression of knee osteoarthritis: suggested modifications of the Kellgren and Lawrence scale  
*D T Felson, J Niu, A Guermazi, B Sack, P Aliabadi*

## Clinical and epidemiological research

- 1887** Glucose tolerance, insulin sensitivity and  $\beta$ -cell function in patients with rheumatoid arthritis treated with or without low-to-medium dose glucocorticoids  
*J N Hoes, M C van der Goes, D H van Raalte, N J van der Zijl, D den Uyl, W F Lems, F P G J Lafeber, J W G Jacobs, P M J Welsing, M Diamant, J W J Bijlsma*



- 1895** Malignancies associated with tumour necrosis factor inhibitors in registries and prospective observational studies: a systematic review and meta-analysis  
*X Mariette, M Matucci-Cerinic, K Pavelka, P Taylor, R van Vollenhoven, R Heatley, C Walsh, R Lawson, A Reynolds, P Emery*

- 1905** Safety profile and clinical activity of sifalimumab, a fully human anti-interferon  $\alpha$  monoclonal antibody, in systemic lupus erythematosus: a phase I, multicentre, double-blind randomised study  
*J T Merrill, D J Wallace, M Petri, K A Kirov, Y Yao, W I White, G Robbie, R Levin, S M Berney, V Chindalore, N Olsen, L Richman, C Le, B Jallal, B White; for the Lupus Interferon Skin Activity (LISA) Study Investigators*

- 1914** Treatment benefit or survival of the fittest: what drives the time-dependent decrease in serious infection rates under TNF inhibition and what does this imply for the individual patient?  
*A Strangfeld, M Eveslage, M Schneider, H J Bergerhausen, T Klopsch, A Zink, J Listing*



- 1921** Increased mortality in ankylosing spondylitis is related to disease activity  
*G Bakland, J T Gran, J C Nossent*

- 1926** Correlation of serum level of high mobility group box 1 with the burden of granulomatous inflammation in granulomatosis with polyangiitis (Wegener's)  
*F O Henes, Y Chen, T A Bley, M Fabel, M Both, K Herrmann, E Csernok, W L Gross, F Moosig*

- 1930** HLA-B27 positive patients differ from HLA-B27 negative patients in clinical presentation and imaging: results from the DESIR cohort of patients with recent onset axial spondyloarthritis  
*H Y Chung, P Machado, D van der Heijde, M-A D'Agostino, M Dougados*

- 1937** The impact of knee and hip chondrocalcinosis on disability in older people: the ProVA Study from northeastern Italy  
*E Musacchio, R Ramonda, E Perissinotto, L Sartori, R Hirsch, L Punzi, S Zambon, M C Corti, G Baggio, E Manziato, A Doria, G Crepaldi*

- 1944** Incidence, progression and sequence of development of radiographic knee osteoarthritis in a symptomatic population  
*R Duncan, G Peat, E Thomas, E M Hay, P Croft*

- 1949** Sustained disease remission and inhibition of radiographic progression in methotrexate-naive patients with rheumatoid arthritis and poor prognostic factors treated with abatacept: 2-year outcomes  
*J Bathon, M Robles, A C Ximenes, S Nayiager, J Wollenhaupt, P Durez, J Gomez-Reino, W Grassi, B Haraoui, W Shergy, S-H Park, H Genant, C Peterfy, J-C Becker, A Covucci, D M Reed, R Helfricke, R Westhovens*

- 1957** A 40-month multicentre, randomised placebo-controlled study to assess the efficacy and carry-over effect of repeated intra-articular injections of hyaluronic acid in knee osteoarthritis: the AMELIA project  
*F Navarro-Sarabia, P Coronel, E Collantes, F J Navarro, A R de la Serna, A Naranjo, M Gimeno, G Herrero-Beaumont, on behalf of the AMELIA study group*



- 1963** Lack of activation of renal functional reserve predicts the risk of significant renal involvement in systemic sclerosis  
*R Livi, S Guiducci, F Perfetto, G Ciuti, E Grifoni, L Conforti, F Galluccio, A M Pignone, M M Cerinic*

- 1968** Assessment by MRI of inflammation and damage in rheumatoid arthritis patients with methotrexate inadequate response receiving golimumab: results of the GO-FORWARD trial  
*P G Conaghan, P Emery, M Østergaard, E C Keystone, M C Genovese, E C Hsia, W Xu, M U Rahman*



- 1975** Rheumatoid arthritis near remission: clinical rather than laboratory inflammation is associated with radiographic progression  
*D Aletaha, F Alasti, J S Smolen*

- 1981** HLA-B27 and gender independently determine the likelihood of a positive MRI of the sacroiliac joints in patients with early inflammatory back pain: a 2-year MRI follow-up study  
*M van Onna, A G Jurik, D van der Heijde, A van Tubergen, L Heuft-Dorenbosch, R Landewé*

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- 1986** Performance of the new 2011 ACR/EULAR remission criteria with tocilizumab using the phase IIIb study TAMARA as an example and their comparison with traditional remission criteria

 C Iking-Konert, M Aringer, J Wollenhaupt, T Mosch, S Tuerk, E Feist, G R Burmester

- 1991** Low bone mineral density is present in newly diagnosed paediatric systemic lupus erythematosus patients

S H L Lim, S M Benseler, P N Tyrrell, M Charron, E Harvey, D Hebert, E D Silverman

- 1995** Examination of intra and interrater reliability with a new ultrasonographic reference atlas for scoring of synovitis in patients with rheumatoid arthritis

H B Hammer, P Bolton-King, V Bakkeheim, T H Berg, E Sundt, A K Kongtorp, E A Haavardsholm

- 1999** Treating Rheumatoid Arthritis to Target: multinational recommendations assessment questionnaire

B Haraoui, J S Smolen, D Aletaha, F C Breedveld, G Burmester, C Codreanu, J P Da Silva, M de Wit, M Dougados, P Durez, P Emery, J E Fonseca, A Gibofsky, J Gomez-Reino, W Graninger, V Hamuryudan, M J Jannaut Peña, J Kalden, T K Kvien, I Laurindo, E Martin-Mola, C Montecucco, P S Moreno, K Pavelka, G Poor, M H Cardiel, E Stanislawska-Biernat, T Takeuchi, D van der Heijde; the Treat to Target Taskforce

- 2003** Clinical response and tolerability to abatacept in patients with rheumatoid arthritis previously treated with infliximab or abatacept: open-label extension of the ATTEST Study

 M Schiff, M Keiserman, C Coddling, S Songcharoen, A Berman, S Nayiaeger, C Saldade, R Aranda, J-C Becker, M Nys, M le Bars, D M Reed, C Poncet, M Dougados

- 2008** Enthesis erosion in spondyloarthritis is not a persistent structural lesion

E de Miguel, S Falcao, C Castillo, C Plasencia, M Garcia, J C Branco, E Martin-Mola

## Basic and translational research

- 2011** Bone marrow-derived mesenchymal stem cells from early diffuse systemic sclerosis exhibit a paracrine machinery and stimulate angiogenesis in vitro

S Guiducci, M Manetti, E Romano, B Mazzanti, C Ceccarelli, S D Pozzo, A F Milia, S Bellando-Randone, G Fiori, M L Conforti, R Saccardi, L Ibba-Manneschi, M Matucci-Cerinic

- 2022** Cytokine mRNA profiling identifies B cells as a major source of RANKL in rheumatoid arthritis

 L Yeo, K-M Toellner, M Salmon, A Filer, C D Buckley, K Raza, D Scheel-Toellner

- 2029** Patients with systemic lupus erythematosus, myositis, rheumatoid arthritis and scleroderma share activation of a common type I interferon pathway

B W Higgs, Z Liu, B White, W Zhu, W I White, C Morehouse, P Brohawn, P A Kiener, L Richman, D Fiorentino, S A Greenberg, B Jallal, Y Yao

- 2037** Vaccination leads to an aberrant FOXP3 T-cell response in non-remitting juvenile idiopathic arthritis

A Ronaghy, W de Jager, E Zonneveld-Huijssoon, M R Klein, F van Wijke, G T Rijkers, W Kuis, N M Wulfraat, B J Prakken

- 2044** Subclinical gut inflammation in spondyloarthritis is associated with a pro-angiogenic intestinal mucosal phenotype

P Hindryckx, D Laukens, G Serry, L Van Praet, C Cuvelier, H Mielants, H Peeters, D Elewaut, M De Vos

## Letters

- 2049** Tenosynovitis of the extensor carpi ulnaris tendon predicts erosive progression in early rheumatoid arthritis

S Lillegraven, P Boyesen, H B Hammer, M Østergaard, T Uhlig, S Sesseng, T K Kvien, E A Haavardsholm

- 2050** Association of a non-synonymous functional variant of the *ITGAM* gene with systemic sclerosis

F D Carmona, C P Simeon, L Beretta, P Carreira, M C Vonk, R Ríos-Fernández, G Espinosa, N Navarrete, E Vicente-Rabaneda, L Rodríguez-Rodríguez, C Tolosa, F J García-Hernández, I Castellví, M V Eguibide, V Fonollosa, M A González-Gay, M Rodríguez-Carballeira, F Díaz-González, L Sáez-Comet, R Hesselstrand, G Riemekasten, T Witte, A E Voskuyl, A J Schuervewegh, R Madhok, P Shiels, C Fonseca, C Denton, A Nordin, Ø Palm, A-M Hoffmann-Vold, P Airó, R Scorza, C Lunardi, J M van Laar, N Hunzelmann, A Kreuter, A Herrick, J Worthington, B P C Koeleman, T R D J Radstake, J Martín

- 2052** Adiponectin and leptin increase IL-8 production in human chondrocytes

R Gómez, M Scoteca, J Conde, J J Gómez-Reino, F Lago, O Gualillo

- 2054** Adipokine profile is modulated in subcutaneous adipose tissue by TNF $\alpha$  inhibitors in patients with rheumatoid arthritis

L Šenolt, M Kuklová, L A Cerezo, H Hulejová, M Filková, L Božanská, O Pecha, K Pavelka, M Haluzík, J Vencovský

- 2056** Serotyping for an extended anti-citrullinated peptide autoantibody panel does not add value to CCP2 testing for diagnosing RA in an early undifferentiated arthritis cohort

A G Pratt, P J Charles, M Chowdhury, G Wilson, P J Venables, J D Isaacs

- 2058** Hypothalamic–pituitary–adrenal axis stress test in patients with early RA: role of corticotropin-releasing hormone promoter polymorphisms

O Malysheva, U Wagner, M Wahle, M Pierer, U Wagner, G K Sialla, C G O Baerwald

## Miscellaneous

- 2060** Corrections