



Figure caption: IL-21 strongly expressed in whole LSGs from patients with IgG4-DS. (see page 2011).

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- 1919** The distinct pathogenesis of IgG4 Mucklewitsch's disease and Sjogren's syndrome in Japan; the role of IL-21 and IL-6
R I Fox

Viewpoint

- 1921** Timing the therapeutic window of opportunity in early rheumatoid arthritis: proposal for definitions of disease duration in clinical trials
K Raza, T P Saber, T K Kvien, P P Tak, D M Gerlag

Review

- 1924** Effect of biological therapy on work participation in patients with ankylosing spondylitis: a systematic review
L R A van der Burg, M M ter Wee, A Boonen

Clinical and epidemiological research

- 1934** Clinical efficacy of leflunomide in primary Sjogren's syndrome is associated with regulation of T-cell activity and upregulation of IL-7 receptor α expression
A Bikker, J-M van Woerkom, A A Kruijs, K M G van der Wurff-Jacobs, J W J Bijlsma, F P J G Lafeber, J A G van Roon

- 1942** Patient's global assessment of disease activity and patient's assessment of general health for rheumatoid arthritis activity assessment: are they equivalent?
N A Khan, H J Spencer, E A Abda, R Alten, C Pohl, C Ancuta, M Cazzato, P Géher, L Gossec, D Henrohn, M L Hetland, N Inanc, J W G Jacobs, E Kerzberg, M Majdan, O Oyoo, R A Peredo-Wende, Z I Selim, F N Skopouli, A Sulli, K Horslev-Petersen, P C Taylor, T Sokke, on behalf of QUEST-RA group

- 1950** Tocilizumab in patients with active rheumatoid arthritis and inadequate responses to DMARDs and/or TNF inhibitors: a large, open-label study close to clinical practice
V P Bykerk, A J K Östör, J Alvaro-Gracia, K Pavelka, J A R Ivorra, W Graninger, W Bensen, M T Nurmohamed, A Krause, C Bernasconi, A Stancati, J Sibilia

- 1955** Influence of immunogenicity on the efficacy of longterm treatment of spondyloarthritis with infliximab
C Plasencia, D Pascual-Salcedo, L Nuño, G Bonilla, A Villalba, D Peiteado, J Díez, D Nagore, A R del Agua, R Moral, E Martin-Mola, A Balsa

- 1961** Clinical impact of *MEFV* mutations in children with periodic fever in a prevalent western European Caucasian population
S Federici, G Calcagno, M Finetti, R Gallizzi, A Meini, A Vitale, F Caroli, M Cattalini, R Caorsi, F Zulian, A Tommasini, A Insalaco, M Pia Sormani, M Baldi, I Ceccherini, A Martini, M Gattorno

- 1966** Prevalence and severity of interstitial lung disease in mixed connective tissue disease: a nationwide, cross-sectional study
R Gunnarsson, T M Aaløkken, Ø Molberg, M B Lund, G K Mynarek, Å S Lexberg, K Time, A S S Dhainaut, L-T Bertelsen, Ø Palm, K Irgens, A Becker-Merok, J L Nordeide, V Johnsen, S Pedersen, A Proven, L S N Garabet, J T Gran

- 1973** Autonomic symptoms are common and are associated with overall symptom burden and disease activity in primary Sjogren's syndrome

J L Newton, J Frith, D Powell, K Hackett, K Wilton, S Bowman, E Price, C Pease, J Andrews, P Emery, J Hunter, M Gupta, S Vadivelu, I Giles, D Isenberg, P Lanyon, A Jones, M Regan, A Cooper, R Moos, N Sutcliffe, M Bombardieri, C Pitzalis, J McLaren, S Young-Min, B Dasgupta, B Griffiths, D Lendrem, S Mitchell, W-F Ng, on behalf of the UK primary Sjogren's syndrome registry

- 1980** Prevalence of coronary heart disease and cardiovascular risk factors in a national cross-sectional cohort study of systemic sclerosis
G-S Ngian, J Sahhar, S M Proudman, W Stevens, I P Wicks, S Van Doornum

- 1984** Genetic markers of rheumatoid arthritis susceptibility in anti-citrullinated peptide antibody negative patients
S Viatte, D Plant, J Bowes, M Lunt, S Eyre, A Barton, J Worthington

- 1991** Phagocyte-specific S100 proteins and high-sensitivity C reactive protein as biomarkers for a risk-adapted treatment to maintain remission in juvenile idiopathic arthritis: a comparative study

J Gerss, J Roth, D Holzinger, N Ruperto, H Wittkowski, M Frosch, N Wulffraat, L Wedderburn, V Stanevich, D Mihaylova, M Harjacek, C Len, C Toppino, M Masi, K Minden, T Saurermann, Y Uziel, R Vesely, M T Apaz, R-M Kuester, M J R Elorduy, R Burgos-Vargas, M loseliani, S Magni-Manzoni, E Unsal, J Anton, Z Balogh, S Hagelberg, H Mazur-Zielinska, T Tauber, A Martini, D Foell, for the Paediatric Rheumatology International Trials Organization (PRINTO)

- 1998** The frequency of non-radiographic axial spondyloarthritis in relation to symptom duration in patients referred because of chronic back pain: results from the Berlin early spondyloarthritis clinic
D Poddubnyy, H Brandt, J Vahldiek, I Spiller, In-Ho Song, M Rudwaleit, J Sieper

- 2002** MRI inflammation and its relation with measures of clinical disease activity and different treatment responses in patients with ankylosing spondylitis treated with a tumour necrosis factor inhibitor
P Machado, R B M Landewé, J Braun, X Baraliakos, K-G A Hermann, B Hsu, D Baker, D van der Heijde

- 2006** Impact of tocilizumab therapy on antibody response to influenza vaccine in patients with rheumatoid arthritis
S Mori, Y Ueki, N Hirakata, M Oribe, T Hidaka, K Oishi

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Basic and translational research

- 2011** Interleukin-21 contributes to germinal centre formation and immunoglobulin G4 production in IgG4-related dacryoadenitis and sialoadenitis, so-called Mikulicz's disease



T Maehara, M Moriyama, H Nakashima, K Miyake, J-N Hayashida, A Tanaka, S Shinozaki, Y Kubo, S Nakamura

- 2020** Gene expression analysis reveals *HBP1* as a key target for the osteoarthritis susceptibility locus that maps to chromosome 7q22

E V A Raine, N Wreglesworth, A W Dodd, L N Reynard, J Loughlin

- 2028** The rs1143679 (R77H) lupus associated variant of *ITGAM* (CD11b) impairs complement receptor 3 mediated functions in human monocytes



B Rhodes, B G Fimmrohr, A L Roberts, G Tziricotis, G Schett, T D Spector, T J Vyse

- 2035** Involvement of X-box binding protein 1 and reactive oxygen species pathways in the pathogenesis of tumour necrosis factor receptor-associated periodic syndrome

L J Dickie, A M Aziz, S Savic, O M Lucherini, L Cantarini, J Geiler, C H Wong, R Coughlan, T Lane, H J Lachmann, P N Hawkins, P A Robinson, P Emery, D McGonagle, M F McDermott

- 2044** Prostaglandin I₂ analogues enhance already exuberant Th17 cell responses in systemic sclerosis

M-E Truchetet, Y Allano, E Montanari, C Chizzolini, N C Brembilla

- 2051** Inactivation of fatty acid amide hydrolase exacerbates experimental fibrosis by enhanced endocannabinoid-mediated activation of CB1

K Palumbo-Zerr, A Horn, A Distler, P Zerr, C Dees, C Beyer, E Selvi, B F Cravati, O Distler, G Schett, J H W Distler

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- 2055** Does the season at symptom onset influence the long-term severity of radiographic joint destruction in rheumatoid arthritis?

D P C de Rooy, M L E Andersson, R Knevel, T W J Huizinga, B Svensson, A H M van der Helm-van Mil

- 2056** IL-1 Trap riloncept in refractory adult onset Still's disease

O Petryna, J J Cush, P Efthimiou

- 2058** Phenotypic changes of lymphocyte in a patient with IgG4-related disease after corticosteroid therapy

S Iwata, K Saito, S Hirata, Y Tanaka

- 2059** A child with severe relapsing Kawasaki disease rescued by IL-1 receptor blockade and extracorporeal membrane Oxygenation

S Cohen, C E Tacke, B Straver, N Meijer, I M Kuipers, T W Kuipers

- 2061** Responders to cyclophosphamide: results of a single-centre analysis among systemic sclerosis patients

M O Becker, A Schohe, K Weinert, D Huscher, U Schneider, G R Burmester, G Riemekasten

- 2062** The development of arthritis and antinuclear antibodies correlate with serum 25-hydroxyvitamin D levels in patients with leprosy

S L E Ribeiro, H L A Pereira, C L Manguieira, C E S Ferreira, E Rosseto, M Scheinberg

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- 2064** Corrections

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- e1** Reply to: Very early rheumatoid arthritis as a predictor of remission: a multicentre real life prospective study

H Zeidler

- e2** Updated meta-analysis of non-melanoma skin cancer rates reported from prospective observational studies in patients treated with tumour necrosis factor inhibitors

X Mariette, A V Reynolds, P Emery

- e3** Reply to: Subclinical renal dysfunction is independently associated with cardiovascular events in rheumatoid arthritis: the CARRÉ Study

T Kawada