

## 2020 Publicaties leden College van Medisch Immunologen

- Aalst M van, Garcia Garrido HM, Leun J van der, Meek B, Leeuwen EMM van, Löwenberg M, D'Haens GR, Ponsioen CYI, Grobusch MP, Goorhuis A. Immunogenicity of the Currently Recommended Pneumococcal Vaccination Schedule in Patients With Inflammatory Bowel Disease. *Clin Infect Dis.* 2020 Feb 3;70(4):595-604.
- Aendekerk JP, Timmermans SAMEG, Busch MH, Potjewijd J, Heeringa P, Damoiseaux JGMC, Reutelingsperger CP, van Paassen P; Limburg Renal Registry. Urinary Soluble CD163 and Disease Activity in Biopsy-Proven ANCA-Associated Glomerulonephritis. *Clin J Am Soc Nephrol.* 2020 Dec 7;15(12):1740-1748.
- Alizadeh Aghdam M, Knol EF, van den Elzen M, den Hartog Jager C, van Os- Medendorp H, Knulst AC, Otten HG, Röckmann H. Response of FcεRI-bearing leucocytes to omalizumab in chronic spontaneous urticaria. *Clin Exp Allergy.* 2020 Mar;50(3):364-371.
- Al-Nasiry S, Ambrosino E, Schlaepfer M, Morré SA, Spinelli M, Wieten L, Mueller M, Kramer BW. The immunological role of the reproductive tract microbiota in pregnancy complications. *Front. Immunol.*, March 2020 Mar 16;11:378.
- Andrade LEC, Damoiseaux J, Chan EK. Response to 'Decision making value of nuclear dense fine speckled pattern in systemic autoimmune rheumatic disease: trick or treat?' by Deng et al. *Ann Rheum Dis.* 2020 Aug;79(8):e93.
- Baroni ML, Sanchez Martinez D, Gutierrez Agüera F, Roca Ho H, Castella M, Zanetti SR, Velasco Hernandez T, Diaz de la Guardia R, Castano J, Anguita E, Vives S, Nomdedeu J, Lapillone H, Bras AE, van der Velden VHJ, Junca J, Marin P, Bataller A, Esteve J, Vick B, Jeremias I, Lopez A, Sorigue M, Bueno C, Menendez P. 41BB-based and CD28-based CD123-redirection T-cells ablate human normal hematopoiesis in vivo. *J Immunother Cancer.* 2020;8(1):e000845.
- Basak EA, van der Meer JWM, Hurkmans DP, Schreurs MWJ, Oomen-de Hoop E, van der Veldt AAM, Bins S, Joosse A, Koolen SLW, Debets R, Peeters RP, Aerts J, Mathijssen RHJ, Medici M. Overt Thyroid Dysfunction and Anti-Thyroid Antibodies Predict Response to Anti-PD-1 Immunotherapy in Cancer Patients. *Thyroid.* 2020;30(7):966-73.
- Bastiaan-Net S, Batstra MR, Aazamy N, Savelkoul HFJ, van der Valk JPM, Gerth van Wijk R, Schreurs MWJ, Wichers HJ, de Jong NW. IgE cross-reactivity measurement of cashew nut, hazelnut and peanut using a novel IMMULITE inhibition method. *Clin Chem Lab Med.* 2020;58(11):1875-83.
- Betjes MGH, Langerak AW, Klepper M, Litjens NHR. A very low thymus function identifies patients with substantial increased risk for long-term mortality after kidney transplantation. *Immun Ageing.* 2020;17(1):4.
- Betjes MGH, Sablik KS, Otten HG, Roelen DL, Claas FH, de Weerd A. Pretransplant Donor-Specific Anti-HLA Antibodies and the Risk for Rejection- Related Graft Failure of Kidney Allografts. *J Transplant.* 2020 Jan 29;2020:5694670.
- Beute J, Ganesh K, Nastiti H, Hoogenboom R, Bos V, Folkerts J, Schreurs MWJ, Hockman S, Hendriks RW, KleinJan A. PDE3 Inhibition Reduces Epithelial Mast Cell Numbers in Allergic Airway Inflammation and Attenuates Degranulation of Basophils and Mast Cells. *Front Pharmacol.* 2020;11:470.
- Bharwani KD, Dirckx M, Stronks DL, Dik WA, Huygen F. Serum Soluble Interleukin-2 Receptor Does Not Differentiate Complex Regional Pain Syndrome from Other Pain Conditions in a Tertiary Referral Setting. *Mediators Inflamm.* 2020;2020:6259064.
- Bons LR, Geenen LW, van den Hoven AT, Dik WA, van den Bosch AE, Duijnhouwer AL, Siebelink HJ, Budde RPJ, Boersma E, Wessels MW, van de Laar I, DeRuiter MC, Goumans MJ, Loeys BL, Roos-Hesselink JW. Blood biomarkers in patients with bicuspid aortic valve disease. *J Cardiol.* 2020;76(3):287-94.

- Bossche WBL van den, Vincent AJPE, Teodosio C, Koets J, Taha A, Kleijn A, Bruin S de, Dik WA, Damasceno D, Almeida J, Dippel DWJ, Dirven CMF, Orfao A, Lamfers MLM, Dongen JJM van; TiMaScan Research Group. Monocytes carrying GFAP detect glioma, brain metastasis and ischaemic stroke, and predict glioblastoma survival. *Brain Commun.* 2020;3:fcaa215.
- Bossuyt X, Damoiseaux J, Rasmussen N, van Paassen P, Hellmich B, Baslund B, Blockmans D, Vermeersch P, Lopez-Hoyos M, Vercammen M, Barret E, Hammar F, Leinfelder U, Mahler M, Olschowka N, Roggenbuck D, Schlumberger W, Walker R, Rönnelid J, Cohen Tervaert JW, Csernok E, Fierz W; for (i) the European Federation of Laboratory Medicine (EFLM) Task and Finish Group "Autoimmunity Testing," (ii) the European Autoimmune Standardization Initiative (EASI) and the (iii) European Consensus Finding Study Group on autoantibodies (ECFSG). Harmonization of antineutrophil cytoplasmic antibodies (ANCA) testing by reporting test result-specific likelihood ratios: position paper. *Clin Chem Lab Med.* 2020 Oct 16;59(2):e35-e39.
- Bossuyt X, Dillaerts D, Mahler M, Roggenbuck D, Leinfelder U, Hammar F, Schlumberger W, Olschowka N, Damoiseaux J. Standardisation of PR3-ANCA and MPO-ANCA: evaluation of certified reference materials. *Ann Rheum Dis.* 2020 Nov;79(11):1520-1522.
- Botafogo V, Pérez-Andres M, Jara-Acevedo M, Bárcena P, Grigore G, Hernández-Delgado A, Damasceno D, Comans S, Blanco E, Romero A, Arriba-Méndez S, Gastaca-Abasolo I, Pedreira CE, Van Gaans-van den Brink JAM, Corbiere V, Mascart F, Van Els CACM, Barkoff A-M, Mayado A, Van Dongen JJM, Almeida J, Orfao A; EuroFlow and PERISCOPE consortia. Age Distribution of Multiple Functionally Relevant Subsets of CD4+ T Cells in Human Blood Using a Standardized and Validated 14-Color EuroFlow Immune Monitoring Tube. *Front Immunol* 2020;11:166.
- Bras AE, van der Velden VHJ. Robust FCS Parsing: Exploring 211,359 Public Files. *Cytometry A.* 2020;97(11):1180-6.
- Bruijn M de, Bruijstens AL, Bastiaansen AEM, Sonderen A van, Schreurs MWJ, Sillevius Smitt PAE, Hintzen RQ, Neuteboom RF, Titulaer MJ; CHANGE Study Group. Pediatric autoimmune encephalitis: Recognition and diagnosis. *Neurol Neuroimmunol Neuroinflamm.* 2020;7(3).
- Busch MH, Timmermans SAMEG, Nagy M, Visser M, Huckriede J, Aendekerk JP, de Vries F, Potjewijd J, Jallah B, Ysermans R, Oude Lashof AML, Breedveld PH, van de Poll MCG, van de Horst ICC, van Bussel BCT, Theunissen ROMFIH, Spronk HMH, Damoiseaux JGMC, Ten Cate H, Nicolaes GAF, Reutelingsperger CP, van Paassen P. Neutrophils and Contact Activation of Coagulation as Potential Drivers of COVID-19. *Circulation.* 2020 Nov 3;142(18):1787-1790.
- Casabonne D, Benavente Y, Seifert J, Costas L, Armesto M, Arestin M, Besson C, Hosnijeh FS, Duell EJ, Weiderpass E, Masala G, Kaaks R, Canzian F, Chirlaque MD, Perduca V, Mancini FR, Pala V, Trichopoulou A, Karakatsani A, La Vecchia C, Sanchez MJ, Tumino R, Gunter MJ, Amiano P, Panico S, Sacerdote C, Schmidt JA, Boeing H, Schulze MB, Barricarte A, Riboli E, Olsen A, Tjonneland A, Vermeulen R, Nieters A, Lawrie CH, de Sanjose S. Serum levels of hsa-miR-16-5p, hsa-miR-29a-3p, hsa-miR-150-5p, hsa-miR-155-5p and hsa-miR-223-3p and subsequent risk of chronic lymphocytic leukemia in the EPIC study. *Int J Cancer.* 2020;147(5):1315-24.
- Cavo M, Gay F, Beksac M, Pantani L, Petrucci MT, Dimopoulos MA, Dozza L, van der Holt B, Zweegman S, Oliva S, van der Velden VHJ, Zamagni E, Palumbo GA, Patriarca F, Montefusco V, Galli M, Maisnar V, Gamberi B, Hansson M, Belotti A, Pour L, Ypma P, Grasso M, Croockewit A, Ballanti S, Offidani M, Vincelli ID, Zambello R, Liberati AM, Andersen NF, Broijl A, Troia R, Pascarella A, Benevolo G, Levin MD, Bos G, Ludwig H, Aquino S, Morelli AM, Wu KL, Boersma R, Hajek R, Durian M, von dem Borne PA, Caravita di Toritto T, Zander T, Specchia G, Waage A, Gimsing P, Mellqvist UH, van Marwijk Kooy M, Minnema M, Mandigers C, Cafro AM, Palmas A, Carvalho S, Spencer A, Boccadoro M, Sonneveld P. Autologous haematopoietic stem-cell transplantation versus bortezomib–melphalan–prednisone, with or without bortezomib–lenalidomide–dexamethasone consolidation therapy, and lenalidomide maintenance for newly diagnosed multiple myeloma (EMN02/HO95): a multicentre, randomised, open-label, phase 3 study.

The Lancet Haematology. 2020;7(6):e456-e68.

- Cools N, Depterter B, van der Velden VHJ. Joint BSAC-NVC Congress 2019: A colourful world. Belg J Hematol. 2020;11(4):185-9.
- Damoiseaux J, Andrade LEC. Response to: 'Antinuclear antibodies: mitotic patterns and their clinical associations' by Betancur and Gómez-Puerta. Ann Rheum Dis. 2020 Jun;79(6):e64.
- Damoiseaux J, Chan EK. Response to: 'The utility of the HEp-2000 antinuclear antibody substrate' by Lee et al. Ann Rheum Dis. 2020 Jun;79(6):e68.
- Damoiseaux J. The IL-2 - IL-2 receptor pathway in health and disease: The role of the soluble IL-2 receptor. Clin Immunol. 2020 Sep;218:108515.
- Damoiseaux J. The perspective on standardisation and harmonisation: the viewpoint of the EASI president. Auto Immun Highlights. 2020 Feb 6;11(1):4.
- Damoiseaux M, van Doorn W, van Lochem E, Damoiseaux J. Testing for IgA anti-tissue transglutaminase in routine clinical practice: Requesting behaviour in relation to prevalence of positive results. J Transl Autoimmun. 2020 Mar 18;3:100045.
- Davi F, Langerak AW, de Septenville AL, Koliijn PM, Hengeveld PJ, Chatzidimitriou A, Bonfiglio S, Sutton LA, Rosenquist R, Ghia P, Stamatopoulos K, ERIC, the European Research Initiative on CLL, and the EuroClonality-NGS Working Group. Immunoglobulin gene analysis in chronic lymphocytic leukemia in the era of next generation sequencing. Leukemia. 2020;34(10):2545-51.
- Dik WA, Bastiaans J, van Meurs JC. Retinal pigment epithelium in proliferative disorders. In: Klettner AK, Dithmar S, editors. The Retinal Pigment Epithelium in Health and Disease: Springer; 2020. p. 139-60.
- Dik WA, Heron M. Clinical significance of soluble interleukin-2 receptor measurement in immune-mediated diseases. Neth J Med. 2020 Sep;78(5):220-231.
- Dirikgil E, Tas SW, Rutgers A, Verhoeven PMJ, van Laar JM, Hagen EC, Tekstra J, L Hak AE, van Paassen P, Kok MR, Goldschmeding R, van Dam B, Douma CE, Remmelts HHF, Sanders JF, Jonker JT, Rabelink TJ, Damoiseaux JGMC, Bernelot Moens HJ, J W Bos W, Teng YKO. A Dutch consensus statement on the diagnosis and treatment of ANCA-associated vasculitis. Neth J Med. 2020 Mar;78(2):71-82.
- Duygu B, Matern BM, Wieten L, Voorter CEM, Tilanus MGJ. Specific amino acid patterns define split specificities of HLA-B15 antigens enabling conversion from DNA-based typing to serological equivalents. Immunogenetics. 2020 Sep;72(6-7):339-346.
- Ehlers AM, Otten HG, Wierzba E, Flügge U, Le TM, Knulst AC, Suer W. Detection of specific IgE against linear epitopes from Gal d 1 has additional value in diagnosing hen's egg allergy in adults. Clin Exp Allergy. 2020 Dec;50(12):1415-1423.
- Ehlers AM, Rohwer S, Otten HG, Brix B, Le TM, Suer W, Knulst AC. IgE-binding to vicilin-like antimicrobial peptides is associated with systemic reactions to macadamia nut. Clin Transl Allergy. 2020 Dec 2;10(1):55.
- Ens D van, Mousset CM, Hutten TJA, Waart AB van der, Campillo-Davo D, Heijden S van der, Vodegel D, Fredrix H, Woestenenk R, Parga-Vidal L, Jansen JH, Schaap NPM, Lion E, Dolstra H, Hobo W. PD-L1 siRNA-mediated silencing in acute myeloid leukemia enhances anti-leukemic T cell reactivity. Bone Marrow Transplant. 2020 Dec;55(12):2308-2318.
- Frel DL de, Atsma DE, Pijl H, Seidell JC, Leenen PJM, Dik WA, Rossum EFC van. The Impact of Obesity and Lifestyle on the Immune System and Susceptibility to Infections Such as COVID-19. Front Nutr. 2020;7:597600.

- Garcia-Perez L, Van Eggermond M, Van Roon L, Vloemans SA, Cordes M, Schambach A, Rothe M, Berghuis D, Lagresle-Peyrou C, Cavazzana M, Zhang F, Thrasher AJ, Salvatori D, Meij P, Villa A, Van Dongen JJM, Zwaginga J-J, Van der Burg M, Gaspar HB, Lankester A, Staal FJT, Pike-Overzet K. Successful Preclinical Development of Gene Therapy for Recombinase-Activating Gene-1-Deficient SCID. *Mol Ther Methods Clin Dev* 2020;17:666-682.
- Goswami PR, Schreurs MWJ, Souverijn JHM, Tax M, Wielders JPM. Handboek medische laboratoriumdiagnostiek: Prelum Uitgevers; 2020. 852 p.
- Groenen P, Langerak AW, Fend F, van Krieken J. Memento for interprofessional learning. *Virchows Arch.* 2020;477(5):755-6.
- Grosserichter-Wagener C, Franco-Gallego A, Ahmadi F, Moncada-Velez M, Dalm VA, Rojas JL, Orrego JC, Correa Vargas N, Hammarstrom L, Schreurs MW, Dik WA, van Hagen PM, Boon L, van Dongen JJ, van der Burg M, Pan-Hammarstrom Q, Franco JL, van Zelm MC. Defective formation of IgA memory B cells, Th1 and Th17 cells in symptomatic patients with selective IgA deficiency. *Clin Transl Immunology.* 2020;9(5):e1130.
- Hamann D, Damoiseaux JGMC, Langerak AW, Van Lochem EG, Otten HG. Gas geven of remmen? Immuunmonitoring als basis voor immuuntherapie. *Ned Tijdschr Allergie Astma Klin Immunologie.* 2020;20:24-8.
- Hanekamp D, Snel AN, Kelder A, Scholten WJ, Khan N, Metzner M, Irno-Consalvo M, Sugita M, de Jong A, Oude Alink S, Eindhoven H, Wilhelm M, Feuring-Buske M, Slomp J, van der Velden VHJ, Sonneveld E, Guzman M, Roboz GJ, Buccisano F, Vyas P, Freeman S, Bachas C, Ossenkoppele GJ, Schuurhuis GJ, Cloos J. Applicability and reproducibility of acute myeloid leukaemia stem cell assessment in a multi-centre setting. *Br J Haematol.* 2020;190(6):891-900.
- Helfricht A, Thijssen PE, Rother MB, Shah RG, Du L, Takada S, Rogier M, Moritz J, IJspeert H, Stoeper C, van Ostaïjen-Ten Dam MM, Heyer V, Luijsterburg MS, de Groot A, Jak R, Grootaers G, Wang J, Rao P, Vertegaal ACO, van Tol MJD, Pan-Hammarstrom Q, Reina-San-Martin B, Shah GM, van der Burg M, van der Maarel SM, van Attikum H. Loss of ZBTB24 impairs nonhomologous end-joining and class-switch recombination in patients with ICF syndrome. *J Exp Med.* 2020;217(11).
- Hengeveld PJ, Khader AO, de Bruin LHA, Geelen IGP, van Baalen EA, Jansen E, Bouwer NI, Balak O, Riedl JA, Langerak AW, Westerweel PE, Levin MD. Blood cell counts and lymphocyte subsets of patients admitted during the COVID-19 pandemic: a prospective cohort study. *Br J Haematol.* 2020;190(4):e201-e4.
- Hermans D, Gautam S, García-Cañaveras JC, Gromer D, Mitra S, Spolski R, Li P, Christensen S, Nguyen R, Lin JX, Oh J, Du N, Veenbergen S, Fioravanti J, Ebina-Shibuya R, Bleck C, Neckers LM, Rabinowitz JD, Gattinoni L, Leonard WJ. Lactate dehydrogenase inhibition synergizes with IL-21 to promote CD8+ T cell stemness and antitumor immunity. *Proc Natl Acad Sci U S A.* 2020 Mar 17;117(11):6047-6055.
- Hoovels L van, Broeders S, Chan EKL, Andrade L, Melo Cruvinel W de, Damoiseaux J, Viander M, Herold M, Coucke W, Heijnen I, Bogdanos D, Calvo-Alén J, Eriksson C, Kozmar A, Kuhi L, Bonroy C, Lauwerys B, Schouwens S, Lutteri L, Vercammen M, Mayer M, Patel D, Egner W, Puolakka K, Tesija-Kuna A, Shoenfeld Y, Sousa MJR de, Hoyos ML, Radice A, Bossuyt X. Current laboratory and clinical practices in reporting and interpreting anti-nuclear antibody indirect immunofluorescence (ANA IIF) patterns: results of an international survey. *Auto Immun Highlights.* 2020 Nov 23;11(1):17.
- Houwen TB van der, Dik WA, Goeijenbier M, Hayat M, Nagtzaam NMA, Hagen M van, Laar JAM van. Leukocyte toll-like receptor expression in pathergy positive and negative Behcet's disease patients. *Rheumatology (Oxford).* 2020;59(12):3971-9.
- Houwen TB van der, Hagen PM van, Kappen JH, Kuijpers R, Daele PLA van, Dik WA, Laar JAM van. A pilot study into bosentan (Tracleer(R)) as an immunomodulating agent in patients with Behcet's disease. *Asian*

Pac J Allergy Immunol. 2020.

- Jacobs JFM, Turner KA, Graziani MS, Frinack JL, Ettore MW, Tate JR, Booth RA, McCudden CR, Keren DF, Delgado JC, Zemtsovskaja G, Fullinfaw RO, Caldini A, de Malmanche T, Katakouzinou K, Burke M, Palladini G, Altinier S, Zaninotto M, Righetti G, Melki MT, Bell S, Willrich MAV. An international multi-center serum protein electrophoresis accuracy and M-protein isotyping study. Part II: limit of detection and follow-up of patients with small M-proteins. *Clin Chem Lab Med*. 2020 Mar 26;58(4):547-559.
- Jong GM de, McCall MBB, Dik WA, Urbanus RT, Wammes LJ, Koelewijn R, Sauerwein RW, Verbon A, Hellemond JJ van, Genderen PJJ van. Transforming growth factor-beta profiles correlate with clinical symptoms and parameters of haemostasis and inflammation in a controlled human malaria infection. *Cytokine*. 2020;125:154838.
- Kalina T, Bakardjieva M, Blom M, Perez-Andres M, Barendregt B, Kanderová V, Bonroy C, Philippé J, Blanco E, Pico-Knijnenburg I, Paping JHMP, Wolska-Kuśnierz B, Pac M, Tkaczyk J, Haerynck F, Akar HH, Formánková R, Freiburger T, Svatoň M, Šedivá A, Arriba-Méndez S, Orfao A, Van Dongen JJM, Van der Burg M. EuroFlow Standardized Approach to Diagnostic Immunophenotyping of Severe PID in Newborns and Young Children. *Front Immunol* 2020;11:371.
- Kardol-Hoefnagel T, van Logtestijn SALM, Otten HG. A Review on the Function and Regulation of ARHGDI1/RhoGDI2 Expression Including the Hypothetical Role of ARHGDI1/RhoGDI2 Autoantibodies in Kidney Transplantation. *Transplant Direct*. 2020 Apr 9;6(5):e548.
- Khatri I, Staal FJT, Van Dongen JJM. Blocking of the High-Affinity Interaction-Synapse Between SARS-CoV-2 Spike and Human ACE2 Proteins Likely Requires Multiple High-Affinity Antibodies: An Immune Perspective. *Front Immunol* 2020;11:570018. Corrigendum: *Front Immunol* 2021;12:659375.
- Killick J, Hay J, Morandi E, Vermeren S, Kari S, Angles T, Williams A, Damoiseaux J, Astier AL. Vitamin D/CD46 Crosstalk in Human T Cells in Multiple Sclerosis. *Front Immunol*. 2020 Nov 24;11:598727.
- Koc ÖM, Damoiseaux J, van Loo IHM, Masquillier HIL, Oude Lashof AML. Case report of delayed seroprotection rather than non-response after primary three-dose hepatitis B vaccination. *Vaccine*. 2020 Jan 10;38(2):112-114.
- Kok LMC, Bungener L, de Bock GH, Biswana A, van der Wal G, van Imhoff GW, Bellido M. Risk factors associated with the development of moderate to severe chronic graft-versus-host disease after non-myeloablative conditioning allogeneic stem cell transplantation in patients with AML or MDS. *Hum Cell*. 2020 Jan;33(1):243-251.
- Koopman I, Rinkel GJE, Vergouwen MDI; CLASH study group. Complement C5 Antibodies for decreasing brain injury after aneurysmal Subarachnoid Haemorrhage (CLASH): study protocol for a randomised controlled phase II clinical trial. *Trials*. 2020 Nov 25;21(1):969.
- Kruijsdijk RCM van, Abrahams AC, Nguyen TQ, Minnema MC, Jacobs JFM, Limper M. Clone-directed therapy for proliferative glomerulonephritis with monoclonal immunoglobulin depositions: is it always necessary? Two case reports and literature review. *J Nephrol*. 2020 Jun;33(3):611-617.
- Langerak AW, Davi F, Stamatopoulos K. Immunoglobulin heavy variable somatic hyper mutation status in chronic lymphocytic leukaemia: on the threshold of a new era? *Br J Haematol*. 2020;189(5):809-10.
- Lipka AF, Boldingh MI, van Zwet EW, Schreurs MWJ, Kuks JBM, Tallaksen CM, Titulaer MJ, Verschuuren J. Long-term follow-up, quality of life, and survival of patients with Lambert-Eaton myasthenic syndrome. *Neurology*. 2020;94(5):e511-e20.
- Litjens NHR, Langerak AW, van der List ACJ, Klepper M, de Bie M, Azmani Z, den Dekker AT, Brouwer RWW, Betjes MGH, Van IJcken WFJ. Validation of a Combined Transcriptome and T Cell Receptor Alpha/Beta (TRA/TRB) Repertoire Assay at the Single Cell Level for Paucicellular Samples. *Front Immunol*.

2020;11:1999.

- Louwsma J, Brunger AF, Bijzet J, Kroesen BJ, Roeloffzen WWH, Bischof A, Kuhle J, Drost G, Lange F, Kuks JBM, Gans ROB, Hazenberg BPC, Nienhuis. Neurofilament light chain, a biomarker for polyneuropathy in systemic amyloidosis. *Amyloid*. 2020 Sep 4;1-6.
- Lubbers R, Sutherland JS, Goletti D, de Paus RA, Dijkstra DJ, van Moorsel CHM, Veltkamp M, Vestjens SMT, Bos WJW, Petrone L, Malherbe ST, Walzl G, Gelderman KA, Groeneveld GH, Geluk A, Ottenhoff THM, Joosten SA, Trouw LA. Expression and production of the SERPING1-encoded endogenous complement regulator C1-inhibitor in multiple cohorts of tuberculosis patients. *Mol Immunol*. 2020 Apr;120:187-195.
- Lukens MV, Koelman CA, Curvers J, Roozendaal C, Bakker-Jonges LE, Damoiseaux JGMC, Kroesen BJ. Comparison of different immunoassays for the detection of antibodies against Intrinsic Factor and Parietal Cells. *J Immunol Methods*. 2020 Dec;487:112867. doi: 10.1016/j.jim.2020.112867. Epub 2020 Sep 15. PMID: 32941886.
- Lukens MV, Koelman CA, Curvers J, Roozendaal C, Bakker-Jonges LE, Damoiseaux JGMC, Kroesen BJ. Comparison of different immunoassays for the detection of antibodies against Intrinsic Factor and Parietal Cells. *J Immunol Methods*. 2020 Dec;487.
- Maas RJ, Hoogstad-van Evert JS, Van der Meer JM, Mekers V, Rezaeifard S, Korman AJ, de Jonge PK, Cany J, Woestenenk R, Schaap NP, Massuger LF, Jansen JH, Hobo W, Dolstra H. TIGIT blockade enhances functionality of peritoneal NK cells with altered expression of DNAM-1/TIGIT/CD96 checkpoint molecules in ovarian cancer. *Oncoimmunology*. 2020 Nov 8;9(1):1843247.
- Mammen AL, Allenbach Y, Stenzel W, Benveniste O; ENMC 239th Workshop Study Group (including Damoiseaux J). 239th ENMC International Workshop: Classification of dermatomyositis, Amsterdam, the Netherlands, 14-16 December 2018. *Neuromuscul Disord*. 2020 Jan;30(1):70-92.
- Mané-Damas M, Vinke A, Hoffmann C, Zong S, Losen M, Molenaar PC, Damoiseaux J, Koudijs S, Rouhl RPW, Martinez-Martinez P. Unidentified Neuronal Surface IgG Autoantibodies in a Case of Hashimoto's Encephalopathy. *Front Immunol*. 2020 Jul 7;11:1358.
- Matern BM, Olieslagers TI, Groeneweg M, Duygu B, Wieten L, Tilanus MGJ, Voorter CEM. Long-Read Nanopore Sequencing Validated for Human Leukocyte Antigen Class I Typing in Routine Diagnostics. *J Mol Diagn*. 2020 Jul;22(7):912-919.
- Matern BM, Olieslagers TI, Voorter CEM, Groeneweg M, Tilanus MGJ. Insights into the polymorphism in HLA-DRA and its evolutionary relationship with HLA haplotypes. *HLA*. 2020 Feb;95(2):117-127.
- Meessen J, Saberi-Hosnijeh F, Bomer N, den Hollander W, van der Bom JG, van Hilten JA, van Spil WE, So-Osman C, Uitterlinden AG, Kloppenburg M, Nelissen R, van Duijn CM, Slagboom PE, van Meurs JBJ, Meulenbelt I. Serum fatty acid chain length associates with prevalent symptomatic end-stage osteoarthritis, independent of BMI. *Sci Rep*. 2020;10(1):15459.
- Meijers RWJ, Muggen AF, Leon LG, de Bie M, van Dongen JJM, Hendriks RW, Langerak AW. Responsiveness of chronic lymphocytic leukemia cells to B-cell receptor stimulation is associated with low expression of regulatory molecules of the nuclear factor-kappaB pathway. *Haematologica*. 2020;105(1):182-92.
- Mimpfen M, Smolders J, Hupperts R, Damoiseaux J. Natural killer cells in multiple sclerosis: A review. *Immunol Lett*. 2020 Jun;222:1-11.
- Moiseev S, Bossuyt X, Arimura Y, Blockmans D, Csernok E, Damoiseaux J, Emmi G, Flores-Suárez LF, Hellmich B, Jayne D, Jennette JC, Little MA, Mohammad AJ, Moosig F, Novikov P, Pagnoux C, Radice A, Sada KE, Segelmark M, Shoenfeld Y, Sinico RA, Specks U, Terrier B, Tzioufas AG, Vaglio A, Zhao MH, Cohen Tervaert JW; European EGPA Study Group. International Consensus on ANCA Testing in Eosinophilic

Granulomatosis with Polyangiitis. *Am J Respir Crit Care Med.* 2020 Jun 25.

- Moiseev S, Cohen Tervaert JW, Arimura Y, Bogdanos DP, Csernok E, Damoiseaux J, Ferrante M, Flores-Suárez LF, Fritzler MJ, Invernizzi P, Jayne D, Jennette JC, Little MA, McAdoo SP, Novikov P, Pusey CD, Radice A, Salama AD, Savage JA, Segelmark M, Shoenfeld Y, Sinico RA, Sousa MJ, Specks U, Terrier B, Tzioufas AG, Vermeire S, Zhao MH, Bossuyt X. 2020 international consensus on ANCA testing beyond systemic vasculitis. *Autoimmun Rev.* 2020 Sep;19(9):102618.
- Moll SA, Platenburg MGJP, Platteel ACM, Vorselaars ADM, Janssen Bonàs M, Roodenburg-Benschop C, Meek B, van Moorsel CHM, Grutters JC. Prevalence of Novel Myositis Autoantibodies in a Large Cohort of Patients with Interstitial Lung Disease. *J Clin Med.* 2020 Sep 11;9(9):2944.
- Mousset CM, Hobo W, de Ligt A, Baardman S, Schaap NPM, Jansen JH, van der Waart AB, Dolstra H. Cell composition and expansion strategy can reduce the beneficial effect of AKT-inhibition on functionality of CD8+ T cells. *Cancer Immunol Immunother.* 2020 Nov;69(11):2259-2273.
- Munoz-Lopetegi A, de Bruijn M, Boukhrissi S, Bastiaansen AEM, Nagtzaam MMP, Hulsenboom ESP, Boon AJW, Neuteboom RF, de Vries JM, Sillevius Smitt PAE, Schreurs MWJ, Titulaer MJ. Neurologic syndromes related to anti-GAD65: Clinical and serologic response to treatment. *Neurol Neuroimmunol Neuroinflamm.* 2020;7(3).
- Pal Singh S, de Bruijn MJW, Velasco Gago da Graca C, Corneth OBJ, Rip J, Stadhouders R, Meijers RWJ, Schurmans S, Kerr WG, Ter Burg J, Eldering E, Langerak AW, Pillai SY, Hendriks RW. Overexpression of SH2-Containing Inositol Phosphatase Contributes to Chronic Lymphocytic Leukemia Survival. *J Immunol.* 2020;204(2):360-74.
- Pawlowski P, Poplawska I, Mysliwiec J, Dik WA, Eckstein A, Berchner-Pfannschmidt U, Milewski R, Lawicki S, Dzieciol-Anikiej Z, Rejdak R, Reszec J. Search of reference biomarkers reflecting orbital tissue remodeling in the course of Graves' orbitopathy. *Folia Histochem Cytobiol.* 2020;58(1):37-45.
- Pfeifer H, Cazzaniga G, van der Velden VHJ, Cayuela JM, Schafer B, Spinelli O, Akiki S, Avigad S, Bendit I, Borg K, Cave H, Elia L, Reshmi SC, Gerrard G, Hayette S, Hermanson M, Juh A, Jurcek T, Chillon MC, Homburg C, Martinelli G, Kairisto V, Lange T, Lion T, Mueller MC, Pane F, Rai L, Damm-Welk C, Sacha T, Schnittger S, Touloumenidou T, Valerhaugen H, Vandenberghe P, Zuna J, Serve H, Herrmann E, Markovic S, van Dongen JJM, Ottmann OG. Correction: Standardisation and consensus guidelines for minimal residual disease assessment in Philadelphia-positive acute lymphoblastic leukemia (Ph+ALL) by real-time quantitative reverse transcriptase PCR of e1a2 BCR-ABL1. *Leukemia.* 2020;34(7):1970.
- Rijkers G, Murk JL, Wintermans B, van Looy B, van den Berge M, Veenemans J, Stohr J, Reusken C, van der Pol P, Reimerink J. Differences in Antibody Kinetics and Functionality Between Severe and Mild Severe Acute Respiratory Syndrome Coronavirus 2 Infections. *J Infect Dis.* 2020 Sep 14;222(8):1265-1269.
- Rijkers G, Vervenne T, van der Pol P. More bricks in the wall against SARS-CoV-2 infection: involvement of  $\gamma\delta$  T cells. *Cell Mol Immunol.* 2020 Jul;17(7):771-772.
- Roozendaal C. Anti-neutrofiel cytoplasma-antistoffen (ANCA). In: *Handboek Laboratoriumdiagnostiek*, derde druk, Prelum Press, 2020.
- Roozendaal C. Antistoffen tegen glomerulaire basaalmembraan In: *Handboek Laboratoriumdiagnostiek*, derde druk, Prelum Press, 2020.
- Rösken GHJ, van Beek AA, Bakker-Jonges LE, Schreurs MWJ. Antinucleaire antistoffen bij systemische auto-immuunziekte [Antinuclear antibodies in systemic autoimmune disease]. *Ned Tijdschr Geneeskd.* 2020 Apr 23;164:D4066. Dutch. PMID: 32324347.

- Rösken GHJ, van Beek AA, Bakker-Jonges LE, Schreurs MWJ. Antinuclear antibodies in systemic autoimmune disease. *Ned Tijdschr Geneeskd.* 2020;164(18):D4066.
- Saberi Hosnijeh F, Koliijn PM, Casabonne D, Nieters A, Solans M, Naudin S, Ferrari P, McKay JD, Weiderpass E, Perduca V, Besson C, Mancini FR, Masala G, Krogh V, Ricceri F, Huerta JM, Petrova D, Sala N, Trichopoulou A, Karakatsani A, La Vecchia C, Kaaks R, Canzian F, Aune D, Boeing H, Schulze MB, Perez-Cornago A, Langerak AW, van der Velden VHJ, Vermeulen R. Mediating effect of soluble B-cell activation immune markers on the association between anthropometric and lifestyle factors and lymphoma development. *Sci Rep.* 2020;10(1):13814.
- Saberi Hosnijeh F, van der Straten L, Kater AP, van Oers MHJ, Posthuma WFM, Chamuleau MED, Bellido M, Doorduijn JK, van Gelder M, Hoogendoorn M, de Boer F, Te Raa GD, Kerst JM, Marijt EWA, Raymakers RAP, Koene HR, Schaafsma MR, Dobber JA, Tonino SH, Kersting SS, Langerak AW, Levin MD. Proteomic markers with prognostic impact on outcome of chronic lymphocytic leukemia patients under chemo-immunotherapy: results from the HOVON 109 study. *Exp Hematol.* 2020;89:55-60 e6.
- Sack U, Bossuyt X, Andreeva H, Antal-Szalmás P, Bizzaro N, Bogdanos D, Borzova E, Conrad K, Dragon-Durey MA, Eriksson C, Fischer K, Haapala AM, Heijnen I, Herold M, Klotz W, Kozmar A, Tesija Kuna A, López Hoyos M, Malkov VA, Musset L, Nagy E, Rönnelid J, Shoenfeld Y, Sundic T, Tsirogianni A, Uibo R, Rego Sousa MJ, Damoiseaux J; European Autoimmunity Standardisation Initiative. Quality and best practice in medical laboratories: specific requests for autoimmunity testing. *Auto Immun Highlights.* 2020 Sep 3;11(1):12.
- Schrijver B, Assmann J, van Gammeren AJ, Vermeulen RCH, Portengen L, Heukels P, Langerak AW, Dik WA, van der Velden VHJ, Ermens T. Extensive longitudinal immune profiling reveals sustained innate immune activation in COVID-19 patients with unfavorable outcome. *Eur Cytokine Netw.* 2020;31(4):154-67.
- Schrijver B, Dijkstra DJ, Borggreven NV, La Distia Nora R, Huijser E, Versnel MA, van Hagen PM, Joosten SA, Trouw LA, Dik WA. Inverse correlation between serum complement component C1q levels and whole blood type-1 interferon signature in active tuberculosis and QuantiFERON-positive uveitis: implications for diagnosis. *Clin Transl Immunology.* 2020;9(10):e1196.
- Schrijver B, Hardjosantoso H, Ten Berge J, Schreurs MWJ, Van Hagen PM, Brooimans RA, Rothova A, Dik WA. No Evidence for Circulating Retina Specific Autoreactive T-cells in Latent Tuberculosis-associated Uveitis and Sarcoid Uveitis. *Ocul Immunol Inflamm.* 2020:1-7.
- Senant M, Musset L, Chyderiotis G, Guis-Cabanne L, Damoiseaux J, Fabien N, Dragon-Durey MA. Precision of autoantibody assays in clinical diagnostic laboratories: What is the reality? *Clin Biochem.* 2020 Sep;83:57-64.
- Senev A, Otten HG, Kamburova EG, Callemeyn J, Lerut E, Van Sandt V, Kuypers D, Emonds MP, Naesens M. Antibodies Against ARHGDI1 and ARHGDI1 Gene Expression Associate With Kidney Allograft Outcome. *Transplantation.* 2020 Jul;104(7):1462-1471.
- Sharapova SO, Skomska-Pawliszak M, Rodina YA, Wolska-Kusnierz B, Dabrowska-Leonik N, Mikoluc B, Pashchenko OE, Pasic S, Freiburger T, Milota T, Formankova R, Szaflarska A, Siedlar M, Avcin T, Markelj G, Ciznar P, Kalwak K, Koltan S, Jackowska T, Drabko K, Gagro A, Pac M, Naumova E, Kandilarova S, Babol-Pokora K, Varabyou DS, Barendregt BH, Raykina EV, Varlamova TV, Pavlova AV, Grombirikova H, Debeljak M, Mersyanova IV, Bondarenko AV, Chernyshova LI, Kostyuchenko LV, Guseva MN, Rascon J, Muleviciene A, Preiksaitiene E, Geier CB, Leiss-Piller A, Yamazaki Y, Kawai T, Walter JE, Kondratenko IV, Sediva A, van der Burg M, Kuzmenko NB, Notarangelo LD, Bernatowska E, Aleinikova OV. The Clinical and Genetic Spectrum of 82 Patients With RAG Deficiency Including a c.256\_257delAA Founder Variant in Slavic Countries. *Front Immunol.* 2020;11:900.
- Smolders J, Mimpfen M, Oechtering J, Damoiseaux J, van den Ouweland J, Hupperts R, Kuhle J. Vitamin D3 supplementation and neurofilament light chain in multiple sclerosis. *Acta Neurol Scand.* 2020

Jan;141(1):77-80.

- Solans M, Benavente Y, Saez M, Agudo A, Jakszyn P, Naudin S, Saberi Hosnijeh FS, Gunter M, Huybrechts I, Ferrari P, Besson C, Mahamat-Saleh Y, Boutron-Ruault MC, Kuhn T, Kaaks R, Boeing H, Lasheras C, Sanchez MJ, Amiano P, Chirlaque MD, Ardanaz E, Schmidt JA, Vineis P, Riboli E, Trichopoulou A, Karakatsani A, Valanou E, Masala G, Agnoli C, Tumino R, Sacerdote C, Mattiello A, Skeie G, Weiderpass E, Jerkeman M, Dias JA, Spath F, Nilsson LM, Dahm CC, Overvad K, Petersen KEN, Tjonneland A, de Sanjose S, Vermeulen R, Nieters A, Casabonne D. Inflammatory potential of diet and risk of lymphoma in the European Prospective Investigation into Cancer and Nutrition. *Eur J Nutr.* 2020;59(2):813-23.
- Sparreboom CL, Komen N, Rizopoulos D, Verhaar AP, Dik WA, Wu Z, van Westreenen HL, Doornebosch PG, Dekker JWT, Menon AG, Daams F, Lips D, van Grevenstein WMU, Karsten TM, Bayon Y, Peppelenbosch MP, Wolthuis AM, D'Hoore A, Lange JF. A multicentre cohort study of serum and peritoneal biomarkers to predict anastomotic leakage after rectal cancer resection. *Colorectal Dis.* 2020;22(1):36-45.
- Stigt AC van, Dik WA, Kamphuis LSJ, Smits BM, Montfrans JM van, Hagen PM van, Dalm V, IJspeert H. What Works When Treating Granulomatous Disease in Genetically Undefined COVID? A Systematic Review. *Front Immunol.* 2020;11:606389.
- Suratannon N, Dik WA, Chatchatee P, Van Hagen PM. COVID-19 in children: Heterogeneity within the disease and hypothetical pathogenesis. *Asian Pac J Allergy Immunol.* 2020;38(3):170-7.
- Suratannon N, van Wijck RTA, Broer L, Xue L, van Meurs JBJ, Barendregt BH, van der Burg M, Dik WA, Chatchatee P, Langerak AW, Swagemakers SMA, Goos JAC, Mathijssen IMJ, Dalm V, Suphapeetiporn K, Heezen KC, Drabwell J, Uitterlinden AG, van der Spek PJ, van Hagen PM; South East Asia Primary Immunodeficiencies (SEAPID) Consortium. Rapid Low-Cost Microarray-Based Genotyping for Genetic Screening in Primary Immunodeficiency. *Front Immunol.* 2020;11:614.
- Thijsen S, Heron M, Gremmels H, van der Kieft R, Reusken C, Kremer K, Limonard G, Bossink A. Elevated nucleoprotein-induced interferon- $\gamma$  release in COVID-19 patients detected in a SARS-CoV-2 enzyme-linked immunosorbent spot assay. *J Infect.* 2020 Sep;81(3):452-482.
- Thusen JH von der, Bommel J van, Kros JM, Verdijk RM, Lopuhaa B, Lam KH, Dik WA, Miedema JR. Case report: a fatal combination of hemophagocytic lymphohistiocytosis with extensive pulmonary microvascular damage in COVID-19 pneumonia. *J Hematop.* 2020:1-5.
- Timmermans SAMEG, Damoiseaux JGMC, Reutelingsperger CP, van Paassen P. More about complement in the antiphospholipid syndrome. *Blood.* 2020 Sep 17;136(12):1456-1459.
- Timmermans SAMEG, W erion A, Damoiseaux JGMC, Morelle J, Reutelingsperger CP, van Paassen P. Diagnostic and Risk Factors for Complement Defects in Hypertensive Emergency and Thrombotic Microangiopathy. *Hypertension.* 2020 Feb;75(2):422-430.
- Timmermans SAMEG, Werion A, Spaanderman MEA, Reutelingsperger CP, Damoiseaux JGMC, Morelle J, van Paassen P. The natural course of pregnancies in women with primary atypical haemolytic uraemic syndrome and asymptomatic relatives. *Br J Haematol.* 2020 Aug;190(3):442-449.
- Tuijnenburg P, Aan de Kerk DJ, Jansen MH, Morris B, Lieftink C, Beijersbergen RL, van Leeuwen EMM, Kuijpers TW. High-throughput compound screen reveals mTOR inhibitors as potential therapeutics to reduce (auto)antibody production by human plasma cells. *Eur J Immunol.* 2020 Jan;50(1):73-85.
- Turner KA, Frinack JL, Ettore MW, Tate JR, Graziani MS, Jacobs JFM, Booth RA, McCudden CR, Keren DF, Delgado JC, Zemtsovskaja G, Fullinfaw RO, Caldini A, de Malmanche T, Katakouzinou K, Burke M, Palladini G, Altinier S, Zaninotto M, Righetti G, Melki MT, Bell S, Willrich MAV. An international multi-center serum protein electrophoresis accuracy and M-protein isotyping study. Part I: factors impacting limit of

quantitation of serum protein electrophoresis. *Clin Chem Lab Med*. 2020 Mar 26;58(4):533-546.

- Vanneste BGL, Van Limbergen EJ, Dubois L, Samarska I, Wieten L, Aarts M, Marcelissen T, De Ruyscher D. Immunotherapy as radiosensitizer. *Oncoimmunology* 2020 Oct 30;9(1):1832760.
- Veenbergen S, Dik WA, Schreurs MWJ. Een traag werkende schildklier – Hashimoto thyreoïditis. *VAPvisie 02/Analyse 03* 2020:46-9.
- Velden VHJ van der. Flowcytometrische analyse bij acute leukemie patiënten behandeld met immuuntherapie. *Analyse*. 2020;3:40-4.
- Veldman J, Visser L, Huberts-Kregel M, Muller N, Hepkema B, van den Berg A, Diepstra A. Rosetting T cells in Hodgkin lymphoma are activated by immunological synapse components HLA class II and CD58. *Blood*. 2020 Nov 19;136(21):2437-2441.
- Vergouwen DPC, Rothova A, Berge JCT, Verdijk RM, van Laar JAM, Vingerling JR, Schreurs MWJ. Current insights in the pathogenesis of scleritis. *Exp Eye Res*. 2020;197:108078.
- Westra J, Brouwer E, Raveling-Eelsing E, Arends S, Eman Abdulle A, Roozendaal C, van Delft MAM, Toes REM, Trouw LA, Vissink A, de Smit MJ. Arthritis autoantibodies in individuals without rheumatoid arthritis: follow-up data from a Dutch population-based cohort (Lifelines). *Rheumatology (Oxford)*. 2020 Jun 28.
- Wienke J, Pachman LM, Morgan GA, Yeo JG, Amoroso MC, Hans V, Kamphuis SSM, Hoppenreijns EPAH, Armbrust W, van den Berg JM, Hissink Muller PCE, Gelderman KA, Arkachaisri T, van Wijk F, van Royen-Kerkhof A. Endothelial and Inflammation Biomarker Profiles at Diagnosis Reflecting Clinical Heterogeneity and Serving as a Prognostic Tool for Treatment Response in Two Independent Cohorts of Patients With Juvenile Dermatomyositis. *Arthritis Rheumatol*. 2020 Jul;72(7):1214-1226.
- Wouters K, custers YHAM, Bijnen M, Wetzels S, Zhang X, Linssen PBC, Gaens K, Houben AJHM, Joris P, Plat J, Kooi E, van der Kallen CJH, Mensink RP, Verboven K, Jocken J, Hansen D, Blaak EE, Ehlers FAI, Wieten L, Rensen S, Greve JW, Stehouwer CDA, Schalkwijk CG. NK cells in human visceral adipose tissue contribute to obesity-associated insulin resistance through macrophage polarization and low-grade inflammation. *Clin Transl Med*. 2020 Oct;10(6):e192.
- Xue L, van Bilsen K, Schreurs MWJ, van Velthoven MEJ, Missotten TO, Thiadens A, Kuijpers R, van Biezen P, Dalm V, van Laar JAM, Hermans MAW, Dik WA, van Daele PLA, van Hagen PM. Are Patients at Risk for Recurrent Disease Activity After Switching From Remicade((R)) to Remsima((R))? An Observational Study. *Front Med (Lausanne)*. 2020;7:418.
- Yeung SMH, van Londen M, Nakshbandi U, Said MY, Eisenga MF, Hepkema BG, Nolte IM, Berger SP, de Borst MH, Bakker SJL. Pretransplant NT-proBNP, Dialysis Vintage, and Posttransplant Mortality in Kidney Transplant Recipients. *Transplantation*. 2020 Oct;104(10):2158-2165.
- Zajec M, Frerichs KA, van Duijn MM, Nijhof IS, Stege CAM, Avet-Loiseau H, Luider TM, de Rijke YB, Jacobs JFM, van de Donk NWJ. Cerebrospinal Fluid Penetration of Daratumumab in Leptomeningeal Multiple Myeloma. *Hemasphere*. 2020 Jul 15;4(4):e413.
- Zajec M, Jacobs JFM, de Kat Angelino CM, Dekker LJM, Stingl C, Luider TM, De Rijke YB, VanDuijn MM. Integrating Serum Protein Electrophoresis with Mass Spectrometry, A New Workflow for M-Protein Detection and Quantification. *J Proteome Res*. 2020 Jul 2;19(7):2845-2853.
- Zajec M, Langerhorst P, VanDuijn MM, Gloerich J, Russcher H, van Gool AJ, Luider TM, Joosten I, de Rijke YB, Jacobs JFM. Mass Spectrometry for Identification, Monitoring, and Minimal Residual Disease Detection of M-Proteins. *Clin Chem*. 2020 Mar 1;66(3):421-433.
- Zalm IJB van der, Valk ES van der, Wester VL, Nagtzaam NMA, Rossum EFC van, Leenen PJM, Dik WA. Obesity-associated T-cell and macrophage activation improve partly after a lifestyle intervention. *Int J Obes (Lond)*. 2020;44(9):1838-50.

