

2021 Publicaties leden College van Medisch Immunologen

- Agathangelidis A, Chatzidimitriou A, Gemenetzi K, Giudicelli V, Karypidou M, Plevova K, Davis Z, Yan XJ, Jeromin S, Schneider C, Pedersen LB, Tschumper RC, Sutton LA, Baliakas P, Scarfo L, van Gastel EJ, Armand M, Tausch E, Biderman B, Baer C, Bagnara D, Navarro A, Langlois de Septenville A, Guido V, Mitterbauer-Hohendanner G, Dimovski A, Brieghel C, Lawless S, Meggendorfer M, Brazdilova K, Ritgen M, Facco M, Tresoldi C, Visentin A, Patriarca A, Catherwood M, Bonello L, Sudarikov A, Vanura K, Roumelioti M, Skuhrova Francova H, Moysiadis T, Veronese S, Giannopoulos K, Mansouri L, Karan-Djurasevic T, Sandaltzopoulos R, Bodor C, Fais F, Kater AP, Panovska I, Rossi D, Alshemmari S, Panagiotidis P, Costeas P, Espinet B, Antic D, Foroni L, Montillo M, Trentin L, Stavroyianni N, Gaidano G, Francia di Celle P, Niemann C, Campo E, Anagnostopoulos A, Pott C, Fischer K, Hallek M, Oscier D, Stilgenbauer S, Haferlach C, Jelinek D, Chiorazzi N, Pospisilova S, Lefranc MP, Kossida S, Langerak AW, Belessi C, Davi F, Rosenquist R, Ghia P, Stamatopoulos K. Higher-order connections between stereotyped subsets: implications for improved patient classification in CLL. *Blood*. 2021;137(10):1365-76.
- Alizadeh Aghdam M, van den Elzen M, van Os-Medendorp H, van Dijk MR, Knol EF, Knulst AC, Röckmann H, Otten HG. Systemic and local evidence for complement involvement in chronic spontaneous urticaria. *Clin Transl Allergy*. 2021 Jul 3;11(5):e12011.
- Alkema W, Koenen H, Kersten BE, Kaffa C, Dinnissen JWB, Damoiseaux JGMC, Joosten I, Driessen-Diks S, van der Molen RG, Vonk MC, Smeets RL. Autoantibody profiles in systemic sclerosis; a comparison of diagnostic tests. *Autoimmunity*. 2021 May;54(3):148-155.
- Arnaout RA, Prak ETL, Schwab N, Rubelt F, Adaptive Immune Receptor Repertoire Community (Langerak AW). The Future of Blood Testing Is the Immunome. *Front Immunol*. 2021;12:626793.
- Arvindam US, van Hauten PMM, Schirm D, Schaap N, Hobo W, Blazar BR, Vallera DA, Dolstra H, Felices M, Miller JS. A trispesific killer engager molecule against CLEC12A effectively induces NK-cell mediated killing of AML cells. *Leukemia*. 2021 Jun;35(6):1586-1596.
- Augustijn D, Jacobs JFM, Russcher H. Method comparison of three serum free light chain assays on the Roche Cobas 6000 c501 chemistry analyzer. *Clin Chem Lab Med*. 2021 Dec 30;60(3):379-385.
- Bastiaansen AEM, van Steenhoven RW, de Bruijn M, Crijnen YS, van Sonderen A, van Coevorden-Hameete MH, Nuhn MM, Verbeek MM, Schreurs MWJ, Sillevs Smitt PAE, de Vries JM, Jan de Jong F, Titulaer MJ. Autoimmune Encephalitis Resembling Dementia Syndromes. *Neurol Neuroimmunol Neuroinflamm*. 2021;8(5):e1039.
- Beek A van, Schreurs M, Hamann D, Daele P, Leeuw K, Limper M, Otten H, Molen R, Roozendaal C, Thurlings R, Damoiseaux J. Aanbevelingen in de laboratoriumdiagnostiek van ANA, anti-dsDNA- en anti-ENA-antistoffen. *Laboratoriumgeneeskunde*. 2021;4:26.
- Beek A van, Schreurs M, Hamann D, Van Daele P, Leeuw K de, Limper M, Otten H, Molen R van der, Roozendaal C, Thurlings R, Damoiseaux J. Aanbevelingen in de laboratoriumdiagnostiek van ANA, anti-dsDNA- en anti-ENA-antistoffen: Uitkomsten van een vervolgenquête onder Nederlandse laboratoriumspecialisten. *Laboratoriumgeneeskunde* 2021 Apr (2): pp 26.
- Beek AA van, Schreurs MWJ, Otten HG, Bergkamp FJM, Damoiseaux J. De nieuwe Nederlandse richtlijn voor laboratoriumdiagnostiek van met ANA geassocieerde auto-immuunziekten. *Ned Tijdschr Allergie, Astma, Klin Immunol*. 2021;21(2):58-64.
- Beers JJBC van, Abdul Hamid M, Velden VHJ van der, Van Gelder M, Langerak AW, Wit NCJ de. Casus met acute lymfatische leukemie: er is meer dan de WHO richtlijnen doen vermoeden. *Ned Tijdschr Hematologie* 2021;18:118-23.

- Beers JJBC van, Damoiseaux JGMC. Immune Monitoring upon Treatment with Biologics in Sjögren's Syndrome: The What, Where, When, and How. *Biomolecules*. 2021 Jan 16;11(1):116.
- Beld MJC van den, Murk JL, Kluytmans J, Koopmans MPG, Reimerink J, Loo IHM van, Wegdam-Blans MCA, Zaaijer H; Serology Workgroup for SARS-CoV-2, GeurtsvanKessel C, Reusken C. Increasing the Efficiency of a National Laboratory Response to COVID-19: a Nationwide Multicenter Evaluation of 47 Commercial SARS-CoV-2 Immunoassays by 41 Laboratories. *J Clin Microbiol*. 2021 Aug 18;59(9):e0076721.
- Berg TAJ van den, Heuvel MC van den, Wiersema-Buist J, Adelmeijer J, Nieuwenhuijs-Moeke GJ, Lisman T, Bakker SJL, Goor H van; TransplantLines Investigators (ao Hepkema BG), Pol RA. Aggravation of fibrin deposition and microthrombus formation within the graft during kidney transplantation. *Sci Rep*. 2021 Sep 23;11(1):18937.
- Betjes MGH, Sablik KA, Litjens NHR, Otten HG, de Weerd AE. ARHGDI5 and AT1R autoantibodies are differentially related to the development and presence of chronic antibody-mediated rejection and fibrosis in kidney allografts. *Hum Immunol*. 2021 Feb;82(2):89-96.
- Blom M, Berghuis D, Vermont CL, Kemper EA, Weijman G, Dekkers EHBM, Dik WA, Hollink IHIM, Langerak AW, Bredius RGM, Van der Burg M. Voor het eerst Nederlandse SCID-patiënt geïdentificeerd met de hielprikscreening. *Ned Tijdschr Allergie Astma Klin Immunologie*. 2021;21:24-7.
- Blom M, Bredius RGM, Jansen ME, Weijman G, Kemper EA, Vermont CL, Hollink I, Dik WA, van Montfrans JM, van Gijn ME, Henriët SS, van Aerde KJ, Koole W, Lankester AC, Dekkers E, Schielen P, de Vries MC, Henneman L, van der Burg M, Group SO-S. Parents' Perspectives and Societal Acceptance of Implementation of Newborn Screening for SCID in the Netherlands. *J Clin Immunol*. 2021;41(1):99-108.
- Bocca-Tjeertes IFA, Bungener LB, Roozendaal C, Sprikkelman AB, Dijkema D, Oude Elberink JGN. Anafylactische shock na sojamelk bij een kind dat altijd sojamelk dronk; de rol van darmepitheel bij het behoud van tolerantie. *Ned Tijdschr Allergie Astma Klin Immunol* 2021;21(2):65-69.
- Boeddha NP, Driessen GJ, Hagedoorn NN, Kohlfuerst DS, Hoggart CJ, van Rijswijk AL, Ekinci E, Priem D, Schlapbach LJ, Herberg JA, de Groot R, Anderson ST, Fink CG, Carrol ED, van der Flier M, Martinon-Torres F, Levin M, Leebeek FW, Zenz W, de Maat MPM, Hazelzet JA, Emonts M, Dik WA. Detectable A Disintegrin and Metalloproteinase With Thrombospondin Motifs-1 in Serum Is Associated With Adverse Outcome in Pediatric Sepsis. *Crit Care Explor*. 2021;3(11):e0569.
- Boltjes R, Knippenberg S, Gerlach O, Hupperts R, Damoiseaux J. Vitamin D supplementation in multiple sclerosis: an expert opinion based on the review of current evidence. *Expert Rev Neurother*. 2021 Jun;21(6):715-725.
- Bos JW, Otten HG, Herraets IJT, Goedee HS, Cats EA, de Hoop T, Verduijn W, van der Pol WL, van den Berg LH. High-resolution mapping identifies HLA class II associations with multifocal motor neuropathy. *Neurobiol Aging*. 2021 May;101:79-84.
- Bossche WBL van den, Vincent A, 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 G. Monocytes carrying GFAP detect glioma, brain metastasis and ischaemic stroke, and predict glioblastoma survival. *Brain Commun*. 2021;3(1):fcaa215.
- Böttcher S, Engelmann R, Grigore G, Fernandez PC, Caetano J, Flores-Montero J, Van der Velden VHJ, Novakova M, Philippé J, Ritgen M, Burgos L, Lecrevisse QA, Lange S, Kalina T, Verde J, Fluxa R, Van Dongen JJM, Pedreira CE, Orfao A. Expert-independent classification of mature B-cell neoplasms using standardized flow cytometry: a multicentric study. *Blood Adv*. 2021;6:976-992.

- Bovenkamp FS van de, Dijkstra DJ, Kooten C van, Gelderman KA, Trouw LA. Circulating C1q levels in health and disease, more than just a biomarker. *Mol Immunol*. 2021 Dec;140:206-216.
- Brand HK, Schreurs MWJ, Emons JAM, Gerth van Wijk R, de Groot H, Arends NJT. Peanut components measured by ISAC: comparison with ImmunoCap and clinical relevance in peanut allergic children. *Clin Mol Allergy*. 2021;19(1):14.
- Brand M van den, Rijntjes J, Mobs M, Steinhilber J, Klift MY van der, Heezen KC, Kroeze LI, Reigl T, Porc J, Darzentas N, Luijckx J, Scheijen B, Davi F, ElDaly H, Liu H, Anagnostopoulos I, Hummel M, Fend F, Langerak AW, Groenen P, EuroClonality NGSWG. Next-Generation Sequencing-Based Clonality Assessment of Ig Gene Rearrangements: A Multicenter Validation Study by EuroClonality-NGS. *J Mol Diagn*. 2021;23(9):1105-15.
- Bras AE, Osmani Z, De Haas V, Jongen-Lavrencic M, Te Marvelde JG, Zwaan CM, Mejstrikova E, Fernandez P, Szczepanski T, Orfao A, Van Dongen JJM, Van der Velden VHJ. Standardised immunophenotypic analysis of myeloperoxidase in acute leukaemia. *Br J Haematol* 2021;193:922-927.
- Brivio E, Locatelli F, Lopez-Yurda M, Malone A, Diaz-de-Heredia C, Bielorai B, Rossig C, Van der Velden VHJ, Ammerlaan ACJ, Thanos A, van der Sluis IM, den Boer ML, Chen Y, Sleight B, Brethon B, Nysom K, Sramkova L, Ora I, Vinti L, Chen-Santel C, Zwaan CM. A phase 1 study of inotuzumab ozogamicin in pediatric relapsed/refractory acute lymphoblastic leukemia (ITCC-059 study). *Blood*. 2021;137(12):1582-90.
- Bruijn M de, Bastiaansen AEM, Mojzisova H, Sonderen A van, Thijs RD, Majoie MJM, Rouhl RPW, Coevorden-Hameete MH van, Vries JM de, Munoz Lopetegi A, Roozenbeek B, Schreurs MWJ, Sillevs Smitt PAE, Titulaer MJ, Group AS. Antibodies Contributing to Focal Epilepsy Signs and Symptoms Score. *Ann Neurol*. 2021;89(4):698-710.
- Brunekreef TE, Otten HG, van den Bosch SC, Hofer IE, van Laar JM, Limper M, Haitjema S. Text Mining of Electronic Health Records Can Accurately Identify and Characterize Patients With Systemic Lupus Erythematosus. *ACR Open Rheumatol*. 2021 Feb;3(2):65-71.
- Busch MH, Aendekerk JP, van Beers JJBC, van Paassen P, Damoiseaux JGMC. Evaluation of the diagnostic performance of an immunoblot for ANCA and anti-GBM antibody detection. *Autoimmunity*. 2021 Feb;54(1):45-50.
- Damasceno D, Almeida J, Teodosio C, Sanoja-Flores L, Mayado A, Pérez-Pons A, Puig N, Arana P, Paiva B, Solano F, Romero A, Matarraz S, Van den Bossche WBL, Flores-Montero J, Durie B, Van Dongen JJM, Orfao A; TiMaScan Study Group. Monocyte Subsets and Serum Inflammatory and Bone-Associated Markers in Monoclonal Gammopathy of Undetermined Significance and Multiple Myeloma. *Cancers* 2021;13:1454
- Damoiseaux J, Andrade LEC, Fritzler MJ, Herold M, Infantino M, von Mühlen C. Response to 'Titre-specific positive predictive value of anti-nuclear antibody patterns' by Vulsteke et al. *Ann Rheum Dis*. 2021;80:e129.
- Damoiseaux J. ANCA Testing in Clinical Practice: From Implementation to Quality Control and Harmonization. *Front Immunol*. 2021 Mar 16;12:656796.
- Del Pino-Molina L, López-Granados E, Lecrevisse Q, Torres Canizales J, Pérez-Andrés M, Blanco E, Wentink M, Bonroy C, Nechvatalova J, Milota T, Kienzler A-K, Philippé J, Sousa AE, Van der Burg M, Kalina T, Van Dongen JJM, Orfao A; EuroFlow PID Consortium. Dissection of the Pre-Germinal Center B-Cell Maturation Pathway in Common Variable Immunodeficiency Based on Standardized Flow Cytometric EuroFlow Tools. *Front Immunol* 2021;11:603972.
- Diks AM, Khatri I, Oosten LEM, de Mooij B, Groenland RJ, Teodosio C, Perez-Andres M, Orfao A, Berbers GAM, Zwaginga JJ, Van Dongen JJM, Berkowska MA. Highly sensitive flow cytometry allows monitoring of changes in circulating immune cells in blood after Tdap booster vaccination. *Front Immunol* 2021;12:666953

- Diks AM, Overduin LA, Van Leenen LD, Slobbe L, Jolink H, Visser LG, Van Dongen JJM, Berkowska MA. B-Cell Immunophenotyping to Predict Vaccination Outcome in the Immunocompromised - A Systematic Review. *Front Immunol.* 2021;12:690328.
- Divella C, Stasi A, Franzin R, Rossini M, Pontrelli P, Sallustio F, Netti GS, Ranieri E, Lacitignola L, Staffieri F, Crovace AM, Lucarelli G, Ditunno P, Battaglia M, Daha MR, van der Pol P, van Kooten C, Grandaliano G, Gesualdo L, Stallone G, Castellano G. Pentraxin-3-mediated complement activation in a swine model of renal ischemia/reperfusion injury. *Aging (Albany NY).* 2021 Apr 20;13(8):10920-10933.
- Du Fossé NA, Bronsgeest K, Arbous MS, Zlei M, Myeni SK, Kikkert M, Van Dongen JJM, Staal FJT, Van der Hoorn MLP, Van den Akker T. Detailed immune monitoring of a pregnant woman with critical Covid-19. *J Reprod Immunol* 2021;143:103243.
- Duygu B, Olieslagers TI, Groeneweg G, Voorter CEM, Wieten L., HLA class I molecules as immune checkpoints for NK cell alloreactivity and anti-viral immunity in kidney transplantation. *Front Immunol.* 2021 Jul 6;12:680480.
- Duygu B, Olieslagers TI, Groeneweg M, Voorter CEM, Wieten L. HLA Class I Molecules as Immune Checkpoints for NK Cell Alloreactivity and Anti-Viral Immunity in Kidney Transplantation. *Front Immunol.* 2021 Jul 6;12:680480.
- Eck van der Sluijs J van, Ens D van, Thordardottir S, Vodegel D, Hermens I, Waart AB van der, Falkenburg JHF, Kester MGD, Rink I de, Heemskerk MHM, Borst J, Schaap NPM, Jansen JH, Xiao Y, Dolstra H, Hobo W. Clinically applicable CD34+-derived blood dendritic cell subsets exhibit key subset-specific features and potentially boost anti-tumor T and NK cell responses. *Cancer Immunol Immunother.* 2021 Nov;70(11):3167-3181.
- Ehlers AM, den Hartog Jager CF, Kardol-Hoefnagel T, Katsburg MMD, Knulst AC, Otten HG. Comparison of Two Strategies to Generate Antigen-Specific Human Monoclonal Antibodies: Which Method to Choose for Which Purpose? *Front Immunol.* 2021 May 4;12:660037.
- Ehlers AM, den Hartog Jager CF, Knulst AC, Otten HG. Distinction between peanut allergy and tolerance by characterization of B cell receptor repertoires. *Allergy.* 2021 Sep;76(9):2753-2764.
- Ehlers FAI, Beelen NA, van Gelder M, Evers TMJ, Smidt ML, Kooreman LFS, Bos GMJ, Wieten L. ADCC-Inducing Antibody Trastuzumab and Selection of KIR-HLA Ligand Mismatched Donors Enhance the NK Cell Anti-Breast Cancer Response. *Cancers (Basel).* 2021 Jun 28;13(13):3232.
- Ehlers FAI, Mahaweni NM, Olieslagers TI, Bos GMJ, Wieten L. Activated Natural Killer Cells Withstand the Relatively Low Glucose Concentrations Found in the Bone Marrow of Multiple Myeloma Patients. *Front Oncol.* 2021 May 20;11:622896.
- Eidhof HHM, Gratama JW, Mulder AHL. Comparison of three methods to stabilize bronchoalveolar lavage cells for flowcytometric analysis, *Cytometry B Clin Cytom.* 2021 May;100(3):377-383.
- Ekronarongchai S, Palaga T, Saonanon P, Pruksakorn V, Hirankarn N, van Hagen PM, Dik WA, Virakul S. Histone Deacetylase 4 Controls Extracellular Matrix Production in Orbital Fibroblasts from Graves' Ophthalmopathy Patients. *Thyroid.* 2021;31(10):1566-76.
- Elssen CH van, Gorkom G van, Borne P von dem, Meijer E, Wieten L, Bos GMJ. Haploidentical bone marrow transplantation in patients with multiple myeloma making use of natural killer cell alloreactive donors: results of a prospective phase 2 clinical trial. *Ann Hematol.* 2021 Jan;100(1):181-187
- Fidler SAR, Bolling MC, Diercks GFH, Pas HH, Hooimeijer LHL, Bungener LB, Willemse BWM, Scheenstra R, Stapelbroek JM, van der Doef HPJ. Paraneoplastic pemphigus associated with post-transplant

lymphoproliferative disorder after small bowel transplantation. *Pediatr Transplant*. 2021 Sep;25(6):e14023.

- Gharbharan A, Jordans CCE, GeurtsvanKessel C, den Hollander JG, Karim F, Mollema FPN, Stalenhoef-Schukken JE, Dofferhoff A, Ludwig I, Koster A, Hassing RJ, Bos JC, van Pottelberge GR, Vlasveld IN, Ammerlaan HSM, van Leeuwen-Segarceanu EM, Miedema J, van der Eerden M, Schrama TJ, Papageorgiou G, Te Boekhorst P, Swaneveld FH, Mueller YM, Schreurs MWJ, van Kampen JJA, Rockx B, Okba NMA, Katsikis PD, Koopmans MPG, Haagmans BL, Rokx C, Rijnders BJA. Effects of potent neutralizing antibodies from convalescent plasma in patients hospitalized for severe SARS-CoV-2 infection. *Nat Commun*. 2021;12(1):3189.
- Goemans BF, Noort S, Blink M, Wang YD, Peters S, van Wouwe JP, Kaspers G, de Haas V, Kollen WJ, Van der Velden VHJ, Gruber TA, Zwaan CM. Sensitive GATA1 mutation screening reliably identifies neonates with Down syndrome at risk for myeloid leukemia. *Leukemia*. 2021;35(8):2403-6.
- Gong Y, Klein Wolterink RGJ, Gulaia V, Cloosen S, Ehlers FAI, Wieten L, Graus YF, Bos GMJ, Germeraad WTV. Defucosylation of Tumor-Specific Humanized Anti-MUC1 Monoclonal Antibody Enhances NK Cell-Mediated Anti-Tumor Cell Cytotoxicity. *Cancers (Basel)*. 2021 May 25;13(11):2579.
- Gorkom T van, Arkel GHJ van, Heron M, Voet W, Thijsen SFT, Kremer K. The Usefulness of Two CXCL13 Assays on Cerebrospinal Fluid for the Diagnosis of Lyme Neuroborreliosis: a Retrospective Study in a Routine Clinical Setting. *J Clin Microbiol*. 2021 Aug 18;59(9):e0025521.
- Greiner TC, Bagg A, Langerak AW. Transitioning From T-Cell Clonality Testing to High-Throughput Sequencing. *J Mol Diagn*. 2021;23(7):781-3.
- Groenewegen H, Borjas-Howard JF, Delli K, Meijer K, Vissink A, Spijkervet FKL, Lambeck AJA, Bierman WFW. Association of periodontitis with markers of immunologic and haemostatic state in people living with HIV. *J Infect*. 2021 Mar;82(3):e17-e19.
- Guchelaar NAD, Waling MM, Adhin AA, van Daele PLA, Schreurs MWJ, Rombach SM. The value of anti-neutrophil cytoplasmic antibodies (ANCA) testing for the diagnosis of ANCA-associated vasculitis, a systematic review and meta-analysis. *Autoimmun Rev*. 2021;20(1):102716.
- Haas V de, Pieters R, Sluijs-Gelling AJ van der, Zwaan CM, Groot-Kruseman HA de, Sonneveld E, Stigter RL, Velden VHJ van der. Flowcytometric evaluation of cerebrospinal fluid in childhood ALL identifies CNS involvement better than conventional cytology. *Leukemia*. 2021;35(6):1773-6.
- Hayen SM, Knulst AC, Garssen J, Otten HG, Willemsen LEM. Fructo-Oligosaccharides Modify Human DC Maturation and Peanut-Induced Autologous T-Cell Response of Allergic Patients *in Vitro*. *Front Immunol*. 2021 Feb 15;11:600125.
- Hengeveld PJ, Levin MD, Kolijn PM, Langerak AW. Reading the B-cell receptor immunome in chronic lymphocytic leukemia: revelations and applications. *Exp Hematol*. 2021;93:14-24.
- Hermans MAW, van Stigt AC, van de Meerendonk S, Schrijver B, van Daele PLA, van Hagen PM, van Splunter M, Dik WA. Human Mast Cell Line HMC1 Expresses Functional Mas-Related G-Protein Coupled Receptor 2. *Front Immunol*. 2021;12:625284.
- Hoffmann C, Zong S, Mané-Damas M, Stevens J, Malyavantham K, Küçükali Ç, Tüzün E, De Hert M, van Beveren NJM, González-Vioque E, Arango C, Damoiseaux JGMC, Rutten BP, Molenaar PC, Losen M, Martínez-Martínez P. The search for an autoimmune origin of psychotic disorders: Prevalence of autoantibodies against hippocampus antigens, glutamic acid decarboxylase and nuclear antigens. *Schizophr Res*. 2021 Feb;228:462-471.
- Hurkmans DP, Sassen SDT, de Joode K, Putter L, Basak EA, Wijkhuijs AJM, Joerger M, Debets R, Koch BCP, Van der Leest CH, Schreurs MWJ, van der Veldt AAM, Aerts J, Mathijssen RHJ, Koolen SLW. Prospective real-

world study on the pharmacokinetics of pembrolizumab in patients with solid tumors. *J Immunother Cancer*. 2021;9(6):e002344.

- Hutten EM, Lambeck AJA, Dijkstra H, Nuver J, Oude Elberink HNG, Van de Ven AAJM. Successful rapid desensitization in a glioma patient with procarbazine-mediated anaphylaxis. *Allergy*. 2021 Jun;76(6):1932-1933.
- Infantino M, Nagy E, Bizzaro N, Fischer K, Bossuyt X, Damoiseaux J. Anti-dsDNA antibodies in the classification criteria of systemic lupus erythematosus. *J Transl Autoimmun*. 2021 Dec 28;5:100139
- Janssen LMA, Heron M, Murk JL, Leenders ACAP, Rijkers GT, de Vries E. The clinical relevance of IgM and IgA anti-pneumococcal polysaccharide ELISA assays in patients with suspected antibody deficiency. *Clin Exp Immunol*. 2021 Aug;205(2):213-221.
- Jiang P, Veenstra RN, Seitz A, Nolte IM, Hepkema BG, Visser L, van den Berg A, Diepstra A. Interaction between ERAP Alleles and HLA Class I Types Support a Role of Antigen Presentation in Hodgkin Lymphoma Development. *Cancers (Basel)*. 2021 Jan 22;13(3):414.
- Jong NW de, Terlouw S, Boven FE van, Maaren MS van, Schreurs MWJ, Berg-Somhorst D van den, Esser D, Bastiaan-Net S. Birch Pollen Related Pear Allergy: A Single-Blind Oral Challenge TRIAL with 2 Pear Cultivars. *Nutrients*. 2021;13(4):1355.
- Joosse ME, Charbit-Henrion F, Boisgard R, Raatgeep RHC, Lindenbergh-Kortleve DJ, Costes LMM, Nugteren S, Guegan N, Parlato M, Veenbergen S, Malan V, Nowak JK, Hollink IHIM, Mearin ML, Escher JC, Cerf-Bensussan N, Samsom JN. Duplication of the IL2RA locus causes excessive IL-2 signaling and may predispose to very early onset colitis. *Mucosal Immunol*. 2021 Sep;14(5):1172-1182.
- Kaiser FMP, Reisli I, Pico-Knijnenburg I, Langerak AW, Kavelaars FG, Artac H, IJspeert H, van der Burg M. Protein functionality as a potential bottleneck for somatic revertant variants. *J Allergy Clin Immunol*. 2021;147(1):391-3 e8.
- Kansen HM, van Erp FC, Knulst AC, Ehlers AM, Lyons SA, Knol EF, Meijer Y, Otten HG, van der Ent CK, Le TM. Accurate Prediction of Peanut Allergy in One- Third of Adults Using a Validated Ara h 2 Cutoff. *J Allergy Clin Immunol Pract*. 2021 Apr;9(4):1667-1674.e3.
- Kaplan B, Jacobs JFM. FLC polymerization: Another hurdle towards standardization of FLC measurements. *Clin Chim Acta*. 2021 Apr;515:42-43.
- Kardol-Hoefnagel T, Otten HG. A Comprehensive Overview of the Clinical Relevance and Treatment Options for Antibody-mediated Rejection Associated With Non-HLA Antibodies. *Transplantation*. 2021 Jul 1;105(7):1459-1470.
- Karel P, Schutten E, van Faassen M, Wanschers H, Brouwer R, Mulder AL, Kema IP, Reichman LJ, Krabbe JG. A comparison of two LC-MS/MS methods and one radioimmunoassay for the analysis of salivary melatonin. *Ann Clin Biochem*. 2021 Jul;58(4):387-388.
- Kassem S, Van der Pan K, De Jager AL, Naber BAE, De Laat IF, Louis A, Van Dongen JJM, Teodosio C, Díez P. Proteomics for Low Cell Numbers: How to Optimize the Sample Preparation Workflow for Mass Spectrometry Analysis. *J. Proteome Res*. 2021;20:4217-4230.
- Kat Angelino CM de, Jacobs JFM. External quality assessment of M-protein diagnostics: a realistic impression of the accuracy and precision of M-protein quantification. *Clin Chem Lab Med*. 2021 Jan 28;59(6):1063-1068.
- Khatri I, Berkowska MA, van den Akker EB, Teodosio C, Reinders MJT, Van Dongen JJM. Population matched (pm) germline allelic variants of immunoglobulin (IG) loci: Relevance in infectious diseases and vaccination

studies in human populations. *Genes Immun* 2021;22:339-342.

- Khatri I, Diks AM, van den Akker EB, Oosten LEM, Zwaginga JJ, Reinders MJT, Van Dongen JJM, Berkowska MA. Longitudinal Dynamics of Human B-Cell Response at the Single-Cell Level in Response to Tdap Vaccination. *Vaccines*. 2021; 9(11):1352.
- Knobbe TJ, Kremer D, Eisenga MF, van Londen M, Gomes-Neto AW, Douwes RM, Gan CT, Corpeleijn E, Annema C, Navis G, Berger SP, Bakker SJL; TransplantLines Investigators (ao Hepkema BG). Airflow Limitation, Fatigue, and Health-Related Quality of Life in Kidney Transplant Recipients. *Clin J Am Soc Nephrol*. 2021 Nov;16(11):1686-1694.
- Koetzier SC, Neuteboom RF, Wierenga-Wolf AF, Melief MJ, de Mol CL, van Rijswijk A, Dik WA, Broux B, van der Wal R, van den Berg SAA, Smolders J, van Luijn MM. Effector T Helper Cells Are Selectively Controlled During Pregnancy and Related to a Postpartum Relapse in Multiple Sclerosis. *Front Immunol*. 2021;12:642038.
- Kolijn PM, Muggen AF, Ljungstrom V, Agathangelidis A, Wolvers-Tettero ILM, Beverloo HB, Pal K, Hengeveld PJ, Darzentas N, Hendriks RW, van Dongen JJM, Rosenquist R, Langerak AW. Consistent B Cell Receptor Immunoglobulin Features Between Siblings in Familial Chronic Lymphocytic Leukemia. *Front Oncol*. 2021;11:740083.
- Kremer D, Post A, Seidel U, Huebbe P, van der Veen Y, Groothof D, Gomes-Neto AW, Knobbe TJ, Lüersen K, Eisenga MF, Navis GJ, Rimbach G, Bakker SJL; TransplantLines Investigators (ao Hepkema BG). Boron Intake and decreased risk of mortality in kidney transplant recipients. *Eur J Nutr*. 2021 Oct 22.
- Kuijpers SC, Klouwens M, de Jong KH, Langeslag JCP, Kuipers S, Reubsaet FAG, van Leeuwen EMM, de Bree GJ, Hovius JW, Grobusch MP. Primary cutaneous melioidosis acquired in Nepal - Case report and literature review. *Travel Med Infect Dis*. 2021 Jul-Aug;42:102080.
- Kuiper RP, Hoogeveen PG, Bladergroen R, van Dijk F, Sonneveld E, van Leeuwen FN, Boer J, Sergeeva I, Feitsma H, den Boer ML, Van der Velden VHJ. Minimal residual disease (MRD) detection in acute lymphoblastic leukaemia based on fusion genes and genomic deletions: towards MRD for all. *Br J Haematol*. 2021;194(5):888-92.
- Lambers W, Arends S, Roozendaal C, Brouwer E, Bootsma H, Westra J, de Leeuw K. Prevalence of systemic lupus erythematosus-related symptoms assessed by using the Connective Tissue Disease Screening Questionnaire in a large population-based cohort. *Lupus Sci Med*. 2021 Nov;8(1):e000555.
- Lamers OAC, Smits BM, Leavis HL, de Bree GJ, Cunningham-Rundles C, Dalm V, Ho HE, Hurst JR, IJspeert H, Prevaes S, Robinson A, van Stigt AC, Terheggen-Lagro S, van de Ven A, Warnatz K, van de Wijgert J, van Montfrans J. Treatment Strategies for GLILD in Common Variable Immunodeficiency: A Systematic Review. *Front Immunol*. 2021;12:606099.
- Lammerts RGM, Lagendijk LM, Tiller G, Dam WA, Lancaster HL, Daha MR, Seelen MA, Hepkema BG, Pol RA, Leuvenink HGD, Molema G, van den Born J, Berger SP. Machine-perfused donor kidneys as a source of human renal endothelial cells. *Am J Physiol Renal Physiol*. 2021 May 1;320(5):F947-F962.
- Langerhorst P, Brinkman AB, VanDuijn MM, Wessels HJCT, Groenen PJTA, Joosten I, van Gool AJ, Gloerich J, Scheijen B, Jacobs JFM. Clonotypic Features of Rearranged Immunoglobulin Genes Yield Personalized Biomarkers for Minimal Residual Disease Monitoring in Multiple Myeloma. *Clin Chem*. 2021 Jun 1;67(6):867-875.
- Langerhorst P, Noori S, Zajec M, De Rijke YB, Gloerich J, van Gool AJ, Caillon H, Joosten I, Luider TM, Corre J, VanDuijn MM, Dejoie T, Jacobs JFM. Multiple Myeloma Minimal Residual Disease Detection: Targeted Mass Spectrometry in Blood vs Next-Generation Sequencing in Bone Marrow. *Clin Chem*. 2021 Nov

26;67(12):1689-1698.

- Leenders AM, Kroeze LI, Rijntjes J, Luijks J, Hebeda KM, Darzentas N, Langerak AW, van den Brand M, Groenen P. Multiple Immunoglobulin kappa Gene Rearrangements within a Single Clone Unraveled by Next-Generation Sequencing-Based Clonality Assessment. *J Mol Diagn.* 2021;23(9):1097-104.
- Lemmers RFH, Martens NEMA, Maas AH, van Vark-van der Zee LC, Leijten FPJ, Groot-van Ruijven CM, van Hoek M, Lieverse AG, Sijbrands EJG, Haak HR, Leenen PJM, Verhoeven AJM, Dik WA, Mulder MT. Breakfast partly restores the anti-inflammatory function of high-density lipoproteins from patients with type 2 diabetes mellitus. *Atherosclerosis Plus.* 2021;44:43-50.
- Lhermitte L, Barreau S, Morf D, Fernandez P, Grigore G, Barrena S, De Bie M, Flores-Montero J, Brüggemann M, Mejstrikova E, Nierkens S, Burgos L, Caetano J, Gaipa G, Buracchi C, Sobral da Costa E, Sedek L, Szczepański T, Aanei C-M, Van der Sluijs-Gelling A, Hernández Delgado A, Fluxa R, Lecrevisse Q, Pedreira CE, Van Dongen JJM, Orfao A, Van der Velden VHJ; EuroFlow Consortium. Automated identification of leukocyte subsets improves standardization of database-guided expert-supervised diagnostic orientation in acute leukemia: a EuroFlow study. *Mod Pathol* 2021;34:59-69.
- Lhermitte L, Barreau S, Morf D, Fernandez P, Grigore G, Barrena S, de Bie M, Flores-Montero J, Brüggemann M, Mejstrikova E, Nierkens S, Burgos L, Caetano J, Gaipa G, Buracchi C, da Costa ES, Sedek L, Szczepanski T, Aanei CM, van der Sluijs-Gelling A, Delgado AH, Fluxa R, Lecrevisse Q, Pedreira CE, van Dongen JJM, Orfao A, Van der Velden VHJ, EuroFlow Consortium. Automated identification of leukocyte subsets improves standardization of database-guided expert-supervised diagnostic orientation in acute leukemia: a EuroFlow study. *Mod Pathol.* 2021;34(1):59-69.
- Li Y, Nieuwenhuis LM, Voskuil MD, Gacesa R, Hu S, Jansen BH, Venema WTU, Hepkema BG, Blokzijl H, Verkade HJ, Lisman T, Weersma RK, Porte RJ, Festen EAM, de Meijer VE. Donor genetic variants as risk factors for thrombosis after liver transplantation: A genome-wide association study. *Am J Transplant.* 2021 Sep;21(9):3133-3147.
- 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 HLA. Neurofilament light chain, a biomarker for polyneuropathy in systemic amyloidosis. *Amyloid.* 2021 Mar;28(1):50-55.
- Lubbers BR, Schilhabel A, Cobbaert CM, Gonzalez D, Dombrink I, Brüggemann M, Bitter WM, Van Dongen JJM. The New EU Regulation on In Vitro Diagnostic Medical Devices: Implications and Preparatory Actions for Diagnostic Laboratories. *Hemasphere* 2021;5:e568
- Lyons SA, Welsing PMJ, Hakobyan M, Kansen HM, Knol EF, Otten HG, van Ree R, Knulst AC, Le TM. Measurement of IgE to hazelnut allergen components cannot replace hazelnut challenge in Dutch adults. *Allergy.* 2021 Nov 3.
- Mahroum N, Damoiseaux J, Zoubi M, Lavine N, Ohayon A, Amital H, Shoenfeld Y. The mosaic of autoimmunity – A taste for more. The 12th international congress of autoimmunity 2021 (AUTO12) virtual. *Autoimmun Rev.* 2021;20:102945.
- Marcuse F, Hochstenbag M, Hoeijmakers JGJ, Hamid MA, Damoiseaux J, Maessen J, De Baets M. Subclinical myasthenia gravis in thymomas. *Lung Cancer.* 2021 Feb;152:143-148.
- Meer JMR van der, Jonge PKJD de, Waart AB van der, Geerlings AC, Moonen JP, Brummelman J, Klein J de, Vermeulen MC, Maas RJA, Schaap NPM, Hoogstad-van Evert JS, Ottevanger PB, Jansen JH, Hobo W, Dolstra H. CD34+ progenitor-derived NK cell and gemcitabine combination therapy increases killing of ovarian cancer cells in NOD/SCID/IL2Rnull mice. *Oncoimmunology.* 2021 Oct 1;10(1):1981049.
- Meer PF van der, Verbakel SK, Honohan Á, Lorinser J, Thurlings RM, Jacobs JFM, Korte D de, Eggink CA. Allogeneic and autologous serum eye drops: a pilot double-blind randomized crossover trial. *Acta*

Ophthalmol. 2021 Dec;99(8):837-842.

- Mendonca de Pontes R, Flores-Montero J, Sanoja-Flores L, Puig N, Pessoa de Magalhaes RJ, Corral-Mateos A, Salgado AB, Garcia-Sanchez O, Perez-Moran J, Mateos MV, Burgos L, Paiva B, Te Marvelde J, Van der Velden VHJ, Aguilar C, Barez A, Garcia-Mateo A, Labrador J, Leoz P, Aguilera-Sanz C, Durie B, van Dongen JJM, Maiolino A, Sobral da Costa E, Orfao A. B-Cell Regeneration Profile and Minimal Residual Disease Status in Bone Marrow of Treated Multiple Myeloma Patients. *Cancers (Basel)*. 2021;13(7):1704.
- Mendonça de Pontes R, Flores-Montero J, Sanoja-Flores L, Puig N, Pessoa de Magalhães RJ, Corral-Mateos A, Salgado AB, García-Sánchez O, Pérez-Morán J, Mateos M-V, Burgos L, Paiva B, Te Marvelde J, Van der Velden VHJ, Aguilar C, Bárez A, García-Mateo A, Labrador J, Leoz P, Aguilera-Sanz C, Durie B, Van Dongen JJM, Maiolino A, Sobral da Costa E, Orfao A; EuroFlow Consortium. B-Cell Regeneration Profile and Minimal Residual Disease Status in Bone Marrow of Treated Multiple Myeloma Patients. *Cancers* 2021;13:1704
- Michels N, Boer JM, Enshaei A, Sutton R, Heyman M, Ebert S, Fiocco M, de Groot-Kruseman HA, Van der Velden VHJ, Barbany G, Escherich G, Vora A, Trahair T, Dalla-Pozza L, Pieters R, Zur Stadt U, Schmiegelow K, Moorman AV, Zwaan CM, den Boer ML. Minimal residual disease, long-term outcome, and IKZF1 deletions in children and adolescents with Down syndrome and acute lymphocytic leukaemia: a matched cohort study. *Lancet Haematol*. 2021;8(10):e700-e10.
- Miedema J, Schreurs M, van der Sar-van der Brugge S, Paats M, Baart S, Bakker M, Hoek R, Dik WA, Endeman H, Van Der Velden V, van Gammeren A, Ermens A, Aerts JG, Thusen JV. Antibodies Against Angiotensin II Receptor Type 1 and Endothelin A Receptor Are Associated With an Unfavorable COVID19 Disease Course. *Front Immunol*. 2021;12:684142.
- Mimpfen M, Damoiseaux J, van Doorn W, Rolf L, Muris AH, Hupperts R, van Luijn MM, Gerlach O, Smolders J. Proportions of circulating transitional B cells associate with MRI activity in interferon beta-treated multiple sclerosis patients. *J Neuroimmunol*. 2021 Sep 15;358:577664.
- Mimpfen M, Muris AH, Rolf L, Gerlach O, Kuhle J, Hupperts R, Smolders J, Damoiseaux J. Prognostic value of natural killer cell/T cell ratios for disease activity in multiple sclerosis. *Eur J Neurol*. 2021 Mar;28(3):901-909.
- Mimpfen M, Rolf L, Muris AH, Gerlach O, Poelmans G, Hupperts R, Smolders J, Damoiseaux J. NK/T cell ratios associate with interleukin-2 receptor alpha chain expression and shedding in multiple sclerosis. *J Neuroimmunol*. 2021 Apr 15;353:577499.
- Mimpfen M, Rolf L, Poelmans G, van den Ouweland J, Hupperts R, Damoiseaux J, Smolders J. Vitamin D related genetic polymorphisms affect serological response to high-dose vitamin D supplementation in multiple sclerosis. *PLoS One*. 2021 Dec 2;16(12):e0261097.
- Mühlen CA von, Garcia-De La Torre I, Infantino M, Damoiseaux J, Andrade LEC, Carballo OG, Conrad K, Francescantonio PLC, Fritzier MJ, Herold M, Klotz W, de Melo Cruvinel W, Mimori T, Satoh M, Musset L, Chan EKL. How to report the antinuclear antibodies (anti-cell antibodies) test on HEp-2 cells: guidelines from the ICAP initiative. *Immunol Res*. 2021 Dec;69(6):594-608.
- Munoz-Garcia N, Lima M, Villamor N, Moran-Plata FJ, Barrena S, Mateos S, Caldas C, Balanzategui A, Alcoceba M, Dominguez A, Gomez F, Langerak AW, van Dongen JJM, Orfao A, Almeida J. Anti-TRBC1 Antibody-Based Flow Cytometric Detection of T-Cell Clonality: Standardization of Sample Preparation and Diagnostic Implementation. *Cancers (Basel)*. 2021;13(17):4379.
- Muñoz-García N, Lima M, Villamor N, Morán-Plata FJ, Barrena S, Mateos S, Caldas C, Balanzategui A, Alcoceba M, Domínguez A, Gómez F, Langerak AW, Van Dongen JJM, Orfao A, Almeida J. Anti-TRBC1 Antibody-Based Flow Cytometric Detection of T-Cell Clonality: Standardization of Sample Preparation and Diagnostic Implementation. *Cancers*. 2021; 13:4379.

- Nagy E, Infantino M, Bizzaro N, Andreeva H, Bontkes HJ, Bossuyt X, Fabien N, Fischer K, Heijnen IAFM, Herold M, Kozmar A, Kuhl L, López-Hoyos M, Pullerits R, Sousa MJR, Tsirogianni A, Damoiseaux J; European Autoimmunity Standardisation Initiative. The impact of the COVID-19 pandemic on autoimmune diagnostics in Europe: A lesson to be learned. *Autoimmun Rev.* 2021 Dec;20(12):102985.
- Najidh S, Tensen CP, Van der Sluijs-Gelling AJ, Teodosio C, Cats D, Mei H, Kuipers TB, Out-Luijting JJ, Zoutman WH, Van Hall T, Orfao A, Almeida J, Van Dongen JJM, Vermeer MH. Improved Sézary cell detection and novel insights into immunophenotypic and molecular heterogeneity in Sézary syndrome. *Blood.* 2021;138:2539-2554.
- Noori S, Verkleij CPM, Zajec M, Langerhorst P, Bosman PWC, de Rijke YB, Zweegman S, VanDuijn M, Luider T, van de Donk NWCJ, Jacobs JFM. Monitoring the M-protein of multiple myeloma patients treated with a combination of monoclonal antibodies: the laboratory solution to eliminate interference. *Clin Chem Lab Med.* 2021 Aug 16;59(12):1963-1971.
- Oliva S, Bruinink DHO, Rihova L, D'Agostino M, Pantani L, Capra A, van der Holt B, Troia R, Petrucci MT, Villanova T, Vsianska P, Jugooa R, Brandt-Hagens C, Gilestro M, Offidani M, Ribolla R, Galli M, Hajek R, Gay F, Cavo M, Omede P, Van der Velden VHJ, Boccadoro M, Sonneveld P. Minimal residual disease assessment by multiparameter flow cytometry in transplant-eligible myeloma in the EMN02/HOVON 95 MM trial. *Blood Cancer J.* 2021;11(6):106.
- Olofsen PA, Bosch DA, Roovers O, van Strien PMH, de Looper HWJ, Hoogenboezem RM, Barnhoorn S, Mastroberardino PG, Ghazvini M, Van der Velden VHJ, Bindels EMJ, de Pater EM, Touw IP. PML-controlled responses in severe congenital neutropenia with ELANE-misfolding mutations. *Blood Adv.* 2021;5(3):775-86.
- Orme ME, Voreck A, Aksouh R, Ramsey-Goldman R, Schreurs MWJ. Systematic review of anti-dsDNA testing for systemic lupus erythematosus: A meta-analysis of the diagnostic test specificity of an anti-dsDNA fluorescence enzyme immunoassay. *Autoimmun Rev.* 2021;20(11):102943.
- Peereboom E, Matern BM, Tomosugi T, Niemann M, Drylewicz J, Joosten I, Allebes W, Van Der Meer A, Hilbrands LB, Baas M, Van Reekum FE, Verhaar MC, Kamburova E, Seelen M, Sanders JS, Hepkema B, Lambeck AJ, Bungener LB, Roozendaal C, Tilanus MGJ, Voorter CE, Wieten L, Van Duijnhoven EM, Gelens MACJ, Christiaans MHL, Van Ittersum FJ, Nurmohamed A, Lardy NM, Swelsen W, Van Der Pant KA, Van Der Weerd NC, Ten Berge IJM, Bemelman FJ, De Vries APJ, De Fijter JW, Betjes MGH, Roelen D, Claas FJH, Otten H, Heidt S, Van Zuilen AD, Kobayashi T, Geneugelijk K and Spierings E. T-cell epitopes shared between immunizing HLA and donor HLA associate with graft failure after kidney transplantation, *Front Immunol.* 2021 Nov 18;12:784040
- Peerlings D, Mimpfen M, Damoiseaux J. The IL-2 - IL-2 receptor pathway: Key to understanding multiple sclerosis. *J Transl Autoimmun.* 2021 Sep 21;4:100123.
- Penny HA, Raju SA, Lau MS, Marks LJ, Baggus EM, Bai JC, Bassotti G, Bontkes HJ, Carroccio A, Danciu M, Derakhshan MH, Ensari A, Ganji A, Green PHR, Johnson MW, Ishaq S, Lebowitz B, Levene A, Maxim R, Mohaghegh Shalmani H, Rostami-Nejad M, Rowlands D, Spiridon IA, Srivastava A, Volta U, Villanacci V, Wild G, Cross SS, Rostami K, Sanders DS. Accuracy of a no-biopsy approach for the diagnosis of coeliac disease across different adult cohorts. *Gut.* 2021 May;70(5):876-883.
- Ploeg EK van der, Hermans MAW, Velden VHJ van der, Dik WA, Daele PLA van, Stadhouders R. Increased group 2 innate lymphoid cells in peripheral blood of adults with mastocytosis. *J Allergy Clin Immunol.* 2021;147(4):1490-6 e2.
- Ramponi G, Folci M, De Santis M, Damoiseaux JGMC, Selmi C, Brunetta E. The biology, pathogenetic role, clinical implications, and open issues of serum anti-neutrophil cytoplasmic antibodies. *Autoimmun Rev.* 2021 Mar;20(3):102759.

- Rashid M, Verhoeven AJM, Mulder MT, Timman R, Ozcan B, van Beek-Nieuwland Y, Chow LM, van de Laar R, Dik WA, Sijbrands EJG, Berk KA. The effect of monomeric and oligomeric FLAVAnols in patients with type 2 diabetes and microalbuminuria (FLAVA-trial): A double-blind randomized controlled trial. *Clin Nutr*. 2021;40(11):5587-94.
- Rümke LW, Groenveld FC, van Os YMG, Praest P, Tanja AAN, de Jong DTCM, Symons J, Schuurman R, Reinders T, Hofstra LM, Nierkens S, Thijsen SFT, Heron M, Lebbink RJ, Beekman JM, Nijhuis M, Wensing AMJ. In-depth Characterization of Vaccine Breakthrough Infections With SARS-CoV-2 Among Health Care Workers in a Dutch Academic Medical Center. *Open Forum Infect Dis*. 2021 Nov 6;9(1):ofab553.
- Saberi Hosnijeh F, Casabonne D, Nieters A, Solans M, Naudin S, Ferrari P, McKay JD, Benavente Y, Weiderpass E, Freisling H, Severi G, Boutron Ruault MC, Besson C, Agnoli C, Masala G, Sacerdote C, Tumino R, Huerta JM, Amiano P, Rodriguez-Barranco M, Bonet C, Barricarte A, Christakoudi S, Knuppel A, Bueno-de-Mesquita B, Schulze MB, Kaaks R, Canzian F, Spath F, Jerkeman M, Rylander C, Tjonneland A, Olsen A, Borch KB, Vermeulen R. Association between anthropometry and lifestyle factors and risk of B-cell lymphoma: An exposome-wide analysis. *Int J Cancer*. 2021;148(9):2115-28.
- Saris A, Reijnders TDY, Nossent EJ, Schuurman AR, Verhoeff J, Asten SV, Bontkes H, Blok S, Duitman J, Bogaard HJ, Heunks L, Lutter R, van der Poll T, Garcia Vallejo JJ; ArtDECO consortium and the Amsterdam UMC COVID study group. Distinct cellular immune profiles in the airways and blood of critically ill patients with COVID-19. *Thorax*. 2021 Oct;76(10):1010-1019.
- Saris A, Reijnders TDY, Reijm M, Hollander JC, de Buck K, Schuurman AR, Duitman J, Heunks L, Aman J, Bogaard HJ, Nossent EJ, van der Poll T, Bontkes HJ; Amsterdam UMC COVID study group. Enrichment of CCR6⁺CD8⁺T cells and CCL20 in the lungs of mechanically ventilated patients with COVID-19. *Eur J Immunol*. 2021 Jun;51(6):1535-1538.
- Schasfoort RBM, van Weperen J, van Amsterdam M, Parisot J, Hendriks J, Koerselman M, Karperien M, Mentink A, Bennink M, Krabbe H, Terstappen LW, Mulder AHL. High throughput surface plasmon resonance imaging method for clinical detection of presence and strength of binding of IgM, IgG and IgA antibodies against SARS-CoV-2 during CoViD-19 infection. *MethodsX*. 2021;8:101432.
- Schasfoort RBM, van Weperen J, van Amsterdam M, Parisot J, Hendriks J, Koerselman M, Karperien M, Mentink A, Bennink M, Krabbe H, Terstappen LW, Mulder AHL. Presence and strength of binding of IgM, IgG and IgA antibodies against SARS-CoV-2 during CoViD-19 infection. *Biosens Bioelectron*. 2021 Jul 1;183:113165.
- 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*. 2021;29(5):883-9.
- Serra I, Manusama OR, Kaiser FMP, Floriano, II, Wahl L, van der Zalm C, IJspeert H, van Hagen PM, van Beveren NJM, Arend SM, Okkenhaug K, Pel JJM, Dalm V, Badura A. Activated PI3Kdelta syndrome, an immunodeficiency disorder, leads to sensorimotor deficits recapitulated in a murine model. *Brain Behav Immun Health*. 2021;18:100377.
- Sheffer M, Lowry E, Beelen N, Borah M, Naffar-Abu Amara M, Mader C.C., Roth J.A., Tsherniak A, Freeman S.S., Dashevsky O, Gandolfi S, Bender S, Bryan J.G., Zhu C, Wang Li, Tariq I, Kamath G.M., De-Matos Simoes R, Dhimolea E, Yu C, Hu Y, Dufva O, Giannakis M, Vyrghanis V, Fraenkel E, Golub T, Romee R, Mustjoki S, Culhane A.C., Wieten L and Mitsiades C.S. Landscape of molecular events regulating tumor cell responses to natural killer cells, *Nat Genet*. 2021 Aug;53(8):1196-1206.
- Simon MS, Schiweck C, Arteaga-Henriquez G, Poletti S, Haarman BCM, Dik WA, Schwarz M, Vrieze E, Mikova O, Joergens S, Musil R, Claes S, Baune BT, Leboyer M, Benedetti F, Furlan R, Berghmans R, de Wit H, Wijkhuijs A, Arolt V, Muller N, Drexhage HA. Monocyte mitochondrial dysfunction, inflammaging, and inflammatory pyroptosis in major depression. *Prog Neuropsychopharmacol Biol Psychiatry*.

2021;111:110391.

- Smeele HTW, Schreurs MWJ, Costedoat-Chalumeau N, Cornette JMJ, Dolhain R. Low prevalence of anti-SSA (anti-Ro) and anti-SSB (anti-La) autoantibodies in female patients with rheumatoid arthritis with a wish to conceive. *RMD Open*. 2021;7(2):e001727.
- Sotomayor CG, Giubergia F, Groothof D, Ferreccio C, Nolte IM, Navis GJ, Gomes-Neto AW, Kremer D, Knobbe TJ, Eisenga MF, Rodrigo R, Touw DJ, Bakker SJL; TransplantLines Investigators (ao Hepkema BG). Plasma Lead Concentration and Risk of Late Kidney Allograft Failure: Findings From the TransplantLines Biobank and Cohort Studies. *Am J Kidney Dis*. 2021 Dec 3:S0272-6386(21)01014-3.
- Sotomayor CG, Groothof D, Vodegel JJ, Eisenga MF, Knobbe TJ, Ijmker J, Lammerts RGM, de Borst MH, Berger SP, Nolte IM, Rodrigo R, Slart RHJA, Navis GJ, Touw DJ, Bakker SJL. Plasma cadmium is associated with increased risk of long-term kidney graft failure. *Kidney International* 2021;99(5):1213-1224.
- Stewart JP, Gazdova J, Darzentas N, Wren D, Proszek P, Fazio G, Songia S, Alcoceba M, Sarasquete ME, Villares P, van der Klift MY, Heezen KC, McCafferty N, Pal K, Catherwood M, Kim CS, Srivastava S, Kroeze LI, Hodges E, Stamatopoulos K, Klapper W, Genuardi E, Ferrero S, van den Brand M, Cazzaniga G, Davi F, Sutton LA, Garcia-Sanz R, Groenen P, Macintyre EA, Bruggemann M, Pott C, Langerak AW, Gonzalez D, EuroClonality NGSWG. Validation of the EuroClonality-NGS DNA capture panel as an integrated genomic tool for lymphoproliferative disorders. *Blood Adv*. 2021;5(16):3188-98.
- Stigt AC van, Dalm V, Nagtzaam NMA, Rijswijk DA van, Barendregt BH, Hagen PM van, IJspeert H, Dik WA. Soluble Interleukin-2 Receptor Is a Promising Serum Biomarker for Granulomatous Disease in Common Variable Immune Deficiency. *J Clin Immunol*. 2021;41(3):694-7.
- Straten L van der, Hengeveld PJ, Kater AP, Langerak AW, Levin MD. Treatment Approaches to Chronic Lymphocytic Leukemia With High-Risk Molecular Features. *Front Oncol*. 2021;11:780085.
- Stutterheim J, van der Sluis IM, de Lorenzo P, Alten J, Ancliffe P, Attarbaschi A, Brethon B, Biondi A, Campbell M, Cazzaniga G, Escherich G, Ferster A, Kotecha RS, Lausen B, Li CK, Lo Nigro L, Locatelli F, Marschalek R, Meyer C, Schrappe M, Stary J, Vora A, Zuna J, Van der Velden VHJ, Szczepanski T, Valsecchi MG, Pieters R. Clinical Implications of Minimal Residual Disease Detection in Infants With KMT2A-Rearranged Acute Lymphoblastic Leukemia Treated on the Interfant-06 Protocol. *J Clin Oncol*. 2021;39(6):652-62.
- 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*. 2021;14(1):79-83.
- Timmermans SAMEG, Damoiseaux JGMC, Werion A, Reutelingsperger CP, Morelle J, van Paassen P. Functional and Genetic Landscape of Complement Dysregulation Along the Spectrum of Thrombotic Microangiopathy and its Potential Implications on Clinical Outcomes. *Kidney Int Rep*. 2021 Feb 3;6(4):1099-1109.
- Tobal R, Potjewijd J, van Empel VPM, Ysermans R, Schurgers LJ, Reutelingsperger CP, Damoiseaux JGMC, van Paassen P. Vascular Remodeling in Pulmonary Arterial Hypertension: The Potential Involvement of Innate and Adaptive Immunity. *Front Med (Lausanne)*. 2021 Dec 22;8:806899.
- Toffoli EC, Sweegers MG, Bontkes HJ, Altenburg TM, Verheul HMW, van der Vliet HJ, de Gruijl TD, Buffart LM. Effects of physical exercise on natural killer cell activity during (neo)adjuvant chemotherapy: A randomized pilot study. *Physiol Rep*. 2021 Jun;9(11):e14919.
- Vaart J van der, Bosmans L, Sijbesma SF, Knoops K, Wetering WJ van de, Otten HG, Begthel H, Borel Rinkes IHM, Korving J, Lentjes EGWM, Lopez-Iglesias C, Peters PJ, Santen HM van, Vriens MR, Clevers H. Adult mouse and human organoids derived from thyroid follicular cells and modeling of Graves' hyperthyroidism.

Proc Natl Acad Sci U S A. 2021 Dec 21;118(51):e2117017118.

- Valk ES van der, Voorn B van der, Iyer AM, Mohseni M, Leenen PJM, Dik WA, Berg SAA van den, Rijke YB de, Akker ELT van den, Penninx B, Rossum EFC van. Hair cortisol, obesity and the immune system: Results from a 3 year longitudinal study. *Psychoneuroendocrinology*. 2021;134:105422.
- Veenbergen S, Kozmar A, van Daele PLA, Schreurs MWJ. Autoantibodies in Sjögren's syndrome and its classification criteria. *J Transl Autoimmun*. 2021 Dec 27;5:100138.
- Velden VHJ van der, Bruggemann M, Cazzaniga G, Scheijen B, Tops B, Trka J, Pal K, Hanzelmann S, Fazio G, Songia S, Langerak AW, Darzentas N, EuroMrd, EuroClonality NGSWG. Potential and pitfalls of whole transcriptome-based immunogenetic marker identification in acute lymphoblastic leukemia; a EuroMRD and EuroClonality-NGS Working Group study. *Leukemia*. 2021;35(3):924-8.
- Verbeek MWC, Buracchi C, Laqua A, Nierkens S, Sedek L, Flores-Montero J, Hofmans M, Sobral de Costa E, Nováková M, Mejstrikova E, Barrera S, Kohlscheen S, Szczepanowski M, Kulis J, Oliveira E, Jugooa R, De Jong AX, Szczepanski T, Philippé J. Van Dongen JJM, Orfao A, Brüggemann M, Gaipa G, Van der Velden VHJ. Flow cytometric minimal residual disease assessment in B-cell precursor acute lymphoblastic leukaemia patients treated with CD19-targeted therapies — a EuroFlow study. *Br J Haematol*. 2021;197:76-81.
- Verberk IM, Nossent EJ, Bontkes HJ, Teunissen CE. Pre-analytical sample handling effects on blood cytokine levels: quality control of a COVID-19 biobank. *Biomark Med*. 2021 Aug;15(12):987-997.
- Vojdeman F, Pedersen LB, Te Raa D, Juvonen V, Norden Y, Tjønnfjord G, Kimby E, Itälä-Remes M, Rosenquist R, Langerak A, Evers L, Zenz T, Walewski J, Oers M, Geisler C, Kater A, Niemann C. B-cell receptor stereotyped subsets and outcome for patients with chronic lymphocytic leukemia in the HOVON 68 trial. *Journal of Translational Genetics and Genomics*. 2021;5:182-8.
- Walle I van de, Silence K, Budding K, Ven L van de, Dijkxhoorn K, Zeeuw E de, Yildiz C, Gabriels S, Percier JM, Wildemann J, Meeldijk J, Simons PJ, Boon L, Cox L, Holgate R, Urbanus R, Otten HG, Leusen JHW, Blanchetot C, Haard H de, Hack CE, Boross P. ARGX-117, a therapeutic complement inhibiting antibody targeting C2. *J Allergy Clin Immunol*. 2021 Apr;147(4):1420-1429.e7.
- Walle I van, Leitmeyer K, Broberg EK; European COVID-19 microbiological laboratories group. Meta-analysis of the clinical performance of commercial SARS-CoV-2 nucleic acid and antibody tests up to 22 August 2020. *Euro Surveill*. 2021 Nov;26(45):2001675.
- Walter HAW, Kamperman RG, Raaphorst J, Verhamme C, Koelman JHTM, Potters WV, Hemke R, Smithuis FF, Aronica E, van Leeuwen EMM, Baars PA, de Visser M, van Schaik IN, Bossuyt PMM, van der Kooij AJ. Optimisation of Diagnostic Accuracy in idiopathic inflammatory myopathies (ADAPT study): a protocol for a prospective diagnostic accuracy study of multimodality testing in patients suspected of a treatable idiopathic inflammatory myopathy. *BMJ Open*. 2021 Dec 13;11(12):e053594.
- Wanrooij RLJ van, Bontkes HJ, Neefjes-Borst EA, Mulder CJ, Bouma G. Immune-mediated enteropathies: From bench to bedside. *J Autoimmun*. 2021 Mar;118:102609.
- Wanrooij RLJ van, Neefjes-Borst EA, Bontkes HJ, Schreurs MWJ, Langerak AW, Mulder CJJ, Bouma G. Adult-Onset Autoimmune Enteropathy in an European Tertiary Referral Center. *Clin Transl Gastroenterol*. 2021;12(8):e00387.
- 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)*. 2021 Feb 1;60(2):658-666.
- Wienke J, Mertens JS, Garcia S, Lim J, Wijngaarde CA, Yeo JG, Meyer A, van den Hoogen LL, Tekstra J, Hoogendijk JE, Otten HG, Fritsch-Stork RDE, de Jager W, Seyger MMB, Thurlings RM, de Jong EMGJ, van der

Kooi AJ, van der Pol WL; Dutch Juvenile Myositis Consortium, Arkachaisri T, Radstake TRDJ, van Royen-Kerkhof A, van Wijk F. Biomarker profiles of endothelial activation and dysfunction in rare systemic autoimmune diseases: implications for cardiovascular risk. *Rheumatology (Oxford)*. 2021 Feb 1;60(2):785-801.

- Wilting FNH, Kotsopoulos AMM, Platteel ACM, van Oers JAH. Intracerebral Hemorrhage and Thrombocytopenia After AstraZeneca COVID-19 Vaccine: Clinical and Diagnostic Challenges of Vaccine-Induced Thrombotic Thrombocytopenia. *Cureus*. 2021 Sep 1;13(9):e17637.
- Winter DTC de, Langerak AW, Marvelde J te, Dworzak MN, De Moerloose B, Stary J, Locatelli F, Hasle H, Vries ACH de, Schmugge M, Niemeyer CM, Heuvel-Eibrink MM van den, Velden VHJ van der. The variable biological signature of refractory cytopenia of childhood (RCC), a retrospective EWOG-MDS study. *Leuk Res*. 2021;108:106652.
- Zhang Y, de Graaf NPJ, Veldhuizen R, Roffel S, Spiekstra SW, Rustemeyer T, Kleverlaan CJ, Feilzer AJ, Bontkes H, Deng D, Gibbs S. Patch test-relevant concentrations of metal salts cause localized cytotoxicity, including apoptosis, in skin ex vivo. *Contact Dermatitis*. 2021 Nov;85(5):531-542.