

CCI Publikationen 2021

Im Folgenden werden die Publikationen aus dem Jahr 2021 dargestellt, welche eine*n mit dem CCI affine*r Erst- oder Letztautor*in aufweisen. CCI-affilierte Autor*innen sind fett gedruckt.

1. **Baasch, S.**, P. Giansanti, **J. Kolter**, A. Riedl, A. **J. Forde**, **S. Runge**, **S. Zenke**, **R. Elling**, A. Halenius, S. Brabletz, H. Hengel, B. Kuster, T. Brabletz, L. Cicin-Sain, R. Arens, A. Vlachos, **J. C. Rohr**, M. P. Stemmler, M. Kopf, Z. Ruzsics, and **P. Henneke**. 2021. Cytomegalovirus subverts macrophage identity. *Cell* 184: 3774-3793.e3725.
2. Büning, H., B. Fehse, Z. Ivics, S. Kochanek, U. Koehl, C. Kupatt, **C. Mussolino**, D. M. Nettelbeck, A. Schambach, W. Uckert, E. Wagner, and **T. Cathomen**. 2021. Gene Therapy "Made in Germany": A Historical Perspective, Analysis of the Status Quo, and Recommendations for Action by the German Society for Gene Therapy. *Hum Gene Ther* 32: 987-996.
3. **Camacho-Ordonez, N.**, E. Ballestar, H. T. M. Timmers, and **B. Grimbacher**. 2021. What can clinical immunology learn from inborn errors of epigenetic regulators? *J Allergy Clin Immunol* 10.1016/j.jaci.2021.01.035.
4. Driouk, L., R. Schmitt, A. Peters, S. Heine, H. J. Girschick, B. Strahm, C. M. Niemeyer, and **C. Speckmann**. 2021. Daratumumab therapy for post-HSCT immune-mediated cytopenia: experiences from two pediatric cases and review of literature. *Mol Cell Pediatr* 8: 5.
5. **Egg, D.**, **I. C. Rump**, **N. Mitsuiki**, **J. Rojas-Restrepo**, **M. E. Maccari**, **C. Schwab**, **A. Gabrysch**, **K. Warnatz**, **S. Goldacker**, V. Patiño, D. Wolff, S. Okada, S. Hayakawa, Y. Shikama, K. Kanda, K. Imai, M. Sotomatsu, M. Kuwashima, T. Kamiya, T. Morio, K. Matsumoto, T. Mori, Y. Yoshimoto, I. Dybedal, M. Kanariou, Z. Y. Kucuk, H. Chapdelaine, L. Petruzelkova, H. M. Lorenz, K. E. Sullivan, J. Heimall, M. Moutschen, J. Litzman, M. Recher, M. H. Albert, F. Hauck, S. Seneviratne, J. Pachlopnik Schmid, A. Kolios, G. Unglik, C. Klemann, S. Snapper, L. Giulino-Roth, M. Svaton, C. D. Platt, S. Hambleton, O. Neth, G. Gosse, S. Reinsch, D. Holzinger, Y. J. Kim, S. Bakhtiar, F. Atschekzei, R. Schmidt, G. Sogkas, S. Chandrakasan, W. Rae, B. Derfalvi, H. V. Marquart, A. Ozen, A. Kiykim, E. Karakoc-Aydiner, P. Králíčková, G. de Bree, D. Kiritsi, M. G. Seidel, R. Kobbe, J. Dantzer, L. Alsina, T. Armangue, V. Lougaris, P. Agyeman, S. Nyström, D. Buchbinder, P. D. Arkwright, and **B. Grimbacher**. 2021. Therapeutic options for CTLA-4 insufficiency. *J Allergy Clin Immunol* 10.1016/j.jaci.2021.04.039.
6. **Ehl, S.**, T. von Bahr Greenwood, E. Bergsten, A. Fischer, J. I. Henter, M. Hines, K. Lehmborg, G. Janka, D. Moshous, and K. E. Nichols. 2021. Is neutralization of IFN- γ sufficient to control inflammation in HLH? *Pediatr Blood Cancer* 68: e28886.
7. **Frede, N.**, **J. Rojas-Restrepo**, **A. Caballero Garcia de Oteyza**, **M. Buchta**, **K. Hübscher**, **L. Gámez-Díaz**, **M. Proietti**, S. Saghafi, Z. Chavoshzadeh, P. Soler-Palacin, N. Galal, M. Adeli, J. C. Aldave-Becerra, M. S. Al-Ddafari, Ö. Ardenyz, T. P. Atkinson, F. B. Kut, F. Çelmeli, H. Rees, S. S. Kilic, I. Kirovski, C. Klein, R. Kobbe, A. S. Korganow, D. Lilic, P. Lunt, N. Makwana, A. Metin, T. T. Özgür, A. A. Karakas, S. Seneviratne, R. Sherkat, A. B. Sousa, E. Unal, T. Patiroglu, V. Wahn, H. von Bernuth, M. Whiteford, R. Doffinger, Z. Jouhadi, and **B. Grimbacher**. 2021. Genetic Analysis of a Cohort of 275 Patients with Hyper-IgE Syndromes and/or Chronic Mucocutaneous Candidiasis. *J Clin Immunol* 41: 1804-1838.
8. **Freudenhammer, M.**, K. Karampatsas, K. Le Doare, F. Lander, J. Armann, D. Acero Moreno, M. Boyle, H. Buxmann, R. Campbell, V. Chalker, R. Cunney, L. Doherty, E. Davies, A. Efstratiou, **R. Elling**, M. Endmann, J. Essers, R. Hentschel, C. E. Jones, S. Kallsen, G. Kapatai, M. Krüger, S. Ladhani, T. Lamagni, D. Lindsay, M. Meehan, C. P. O'Sullivan, **D. Patel**, A. J. Reynolds, C. Roll, S. Schulzke, A. Smith, A. Stein, A. von der Wense, E. Voss, C. Wieg, C. Härtel, P. T. Heath, and **P. Henneke**. 2021. Invasive Group B Streptococcus Disease With Recurrence and in Multiples: Towards a Better Understanding of GBS Late-Onset Sepsis. *Front Immunol* 12: 617925.
9. **Friedmann, D.***, **S. Unger***, **B. Keller**, **M. Rakhmanov**, **S. Goldacker**, G. Zissel, B. C. Frye, J. C. Schupp, A. Prasse, and **K. Warnatz**. 2020. Bronchoalveolar Lavage Fluid Reflects a T(H)1-CD21(low) B-Cell Interaction in COVID-Related Interstitial Lung Disease. *Front Immunol* 11: 616832.
10. **Gámez-Díaz, L.**, and **B. Grimbacher**. 2021. Immune checkpoint deficiencies and autoimmune lymphoproliferative syndromes. *Biomed J* 44: 400-411.
11. **Gámez-Díaz, L.**, and M. G. Seidel. 2021. Different Apples, Same Tree: Visualizing Current Biological and Clinical Insights into CTLA-4 Insufficiency and LRBA and DEF6 Deficiencies. *Front Pediatr* 9: 662645.
12. Geweniger, A.*, A. Janda*, K. Eder, R. Fressle, C. V. Kannan, H. Fahnenstich, M. Elze, C. Müller, **P. Henneke**, M. Hufnagel, and **R. Elling**. 2021. High diagnostic yield of endobronchial ultrasound-guided transbronchial needle aspiration (EBUS-TBNA) in the diagnosis of adolescent pulmonary tuberculosis. *BMC Infect Dis* 21: 946.
13. Globig, A. M., **M. Heeg**, C. S. Larsen, R. D. Ferreira, **G. Kindle**, **S. Goldacker**, **V. Strohmeier**, S. L. Silva, C. Cunningham-Rundles, I. Quinti, R. Thimme, D. Bettinger, M. Schultheiß, and **K. Warnatz**. 2021. International multicenter experience of transjugular intrahepatic portosystemic shunt implantation in patients with common variable immunodeficiency. *J Allergy Clin Immunol Pract* 10.1016/j.jaip.2021.02.056.
14. **Groß, M.**, **C. Speckmann**, A. May, T. Gajardo-Carrasco, K. Wustrau, S. L. Maier, M. Panning, D. Huzly, A. Gaimy, Y. T. Bryceon, S. Choo, C. W. Chow, G. Dückers, A. Fasth, S. Freitag, K. Gräwe, S. Haxelmans, D. Holzinger, O. Hudowenz, J. Hübschen, C. Khurana, K. Kienle, R. Klifa, K. Korn, H. Kutzner, T. Lämmermann, S. Ledig, D. Lipsker, M. Meeths, N. Naumann-Bartsch, J. Rascon, A. Schänzer, M. Seidl, B. Tesi, C. Vauloup-

- Fellous, B. Vollmer-Kary, **K. Warnatz, C. Wehr, B. Neven, P. Vargas, F. E. Sepulveda, K. Lehmborg, A. Schmitt-Gräff, and S. Ehl.** 2021. Rubella vaccine-induced granulomas are a novel phenotype with incomplete penetrance of genetic defects in cytotoxicity. *J Allergy Clin Immunol* 10.1016/j.jaci.2021.05.007.
15. **Henneke, P., K. Kierdorf, L. J. Hall, M. Sperandio, and M. Hornef.** 2021. Perinatal development of innate immune topology. *Elife* 10.
 16. Hurst, J. R., S. H. Abbas, H. M. Bantalib, T. M. Alfaro, U. Baumann, S. O. Burns, A. Condliffe, J. R. Davidsen, B. Fevang, A. R. Gennery, F. Haerynck, J. Jacob, S. Jolles, O. Lamers, A. Bergeron, M. Malphettes, V. Meignin, C. Milito, T. Milota, M. Pergent, A. Prasse, I. Quinti, E. Renzoni, A. Sediva, D. Stolz, B. Smits, F. Strauss, A. van de Ven, J. van Montfrans, and **K. Warnatz.** 2021. Granulomatous-lymphocytic interstitial lung disease: an international research prioritisation. *ERJ Open Res* 7.
 17. **Keller, B., V. Strohmeier, I. Harder, S. Unger, K. J. Payne, G. Andrieux, M. Boerries, P. T. Felixberger, J. J. M. Landry, A. Nieters, A. Rensing-Ehl, U. Salzer, N. Frede, S. Usadel, R. Elling, C. Speckmann, I. Hainmann, E. Ralph, K. Gilmour, M. W. J. Wentink, M. van der Burg, H. S. Kuehn, S. D. Rosenzweig, U. Kölsch, H. von Bernuth, P. Kaiser-Labusch, F. Gothe, S. Hambleton, A. D. Vlaga, A. Garcia Garcia, L. Alsina, G. Markelj, T. Avcin, J. Vasconcelos, M. Guedes, J. Y. Ding, C. L. Ku, B. Shadur, D. T. Avery, N. Venhoff, J. Thiel, H. Becker, L. Erazo-Borrás, C. M. Trujillo-Vargas, J. L. Franco, C. Fieschi, S. Okada, P. E. Gray, G. Uzel, J. L. Casanova, M. Fliegauf, B. Grimbacher, H. Eibel, S. Ehl, R. E. Voll, M. Rizzi, P. Stepensky, V. Benes, C. S. Ma, C. Bossen, S. G. Tangye, and K. Warnatz.** 2021. The expansion of human T-bet(high)CD21(low) B cells is T cell dependent. *Sci Immunol* 6: eabh0891.
 18. **Kury, P.*, J. Staniek*, O. Wegehaupt, I. Janowska, M. Eckenweiler, R. Korinthenberg, N. Japaridze, M. Pendziwiat, I. Helbig, E. Verhoeyen, J. Jung, A. C. Garcia de Oteyza, M. Proietti, T. Phirtskhalaishvili, I. Rtskhiladze, P. J. Nielsen, S. Ehl, C. Speckmann*, and M. Rizzi*.** 2021. Agammaglobulinemia with normal B-cell numbers in a patient lacking Bob1. *J Allergy Clin Immunol* 10.1016/j.jaci.2021.01.027.
 19. Lang-Meli, J.*, J. Fuchs*, P. Mathé, H. E. Ho, L. Kern, L. Jaki, G. Rusignuolo, S. Mertins, V. Somogyi, C. Neumann-Haefelin, F. Trinkmann, M. Müller, R. Thimme, M. Umhau, I. Quinti, D. Wagner, M. Panning, C. Cunningham-Rundles, K. Laubner, and **K. Warnatz.** 2021. Case Series: Convalescent Plasma Therapy for Patients with COVID-19 and Primary Antibody Deficiency. *J Clin Immunol* 10.1007/s10875-021-01193-2: 1-13.
 20. **Lösslein, A. K., and P. Henneke.** 2021. Mycobacterial immunevasion-Spotlight on the enemy within. *J Leukoc Biol* 109: 9-11.
 21. **Lösslein, A. K., F. Lohrmann*, L. Scheuermann*, K. Gharun, J. Neuber, J. Kolter, A. J. Forde, C. Kleimeyer, Y. Y. Poh, M. Mack, A. Triantafyllopoulou, M. D. Dunlap, S. A. Khader, M. Seidl, A. Hölscher, C. Hölscher, X. L. Guan, A. Dorhöi, and P. Henneke.** 2021. Monocyte progenitors give rise to multinucleated giant cells. *Nat Commun* 12: 2027.
 22. **Lohrmann, F., A. J. Forde, P. Merck, and P. Henneke.** 2021. Control of myeloid cell density in barrier tissues. *Febs j* 288: 405-426.
 23. **Maccari, M. E., S. Fuchs, P. Kury, G. Andrieux, S. Völkl, B. Bengsch, M. R. Lorenz, M. Heeg, J. Rohr, S. Jäggle, C. N. Castro, M. Groß, U. Warthorst, C. König, I. Fuchs, C. Speckmann, J. Thalhammer, F. G. Kapp, M. G. Seidel, G. Dückers, S. Schönberger, C. Schütz, M. Führer, R. Kobbe, D. Holzinger, C. Klemann, P. Smisek, S. Owens, G. Horneff, R. Kolb, N. Naumann-Bartsch, M. Miano, J. Staniek, M. Rizzi, T. Kalina, P. Schneider, A. Erxleben, R. Backofen, A. Ekici, C. M. Niemeyer, K. Warnatz, B. Grimbacher, H. Eibel, A. Mackensen, A. P. Frei, K. Schwarz, M. Boerries, S. Ehl, and A. Rensing-Ehl.** 2021. A distinct CD38+CD45RA+ population of CD4+, CD8+, and double-negative T cells is controlled by FAS. *J Exp Med* 218.
 24. Manna, P. T., S. C. C. Chiang, Y. T. Bryceson, J. S. Orange, and **S. Ammann.** 2021. Editorial: Membrane Trafficking in Immunology - How Membrane Transport and Exocytosis Defects Underlie Immunodeficiencies. *Front Immunol* 12: 769815.
 25. Meinhardt, A., P. C. Ramos, R. J. Dohmen, N. Lucas, M. A. Lee-Kirsch, B. Becker, J. de Laffolie, T. Cunha, T. Niehues, **U. Salzer, A. Yoshimi, M. Erlacher, A. M. J. Peters, S. Ehl, B. Strahm, and C. Speckmann.** 2021. Curative Treatment of POMP-Related Autoinflammation and Immune Dysregulation (PRAID) by Hematopoietic Stem Cell Transplantation. *J Clin Immunol* 10.1007/s10875-021-01067-7.
 26. Mika, T., D. Vangala, M. Eckhardt, P. La Rosée, C. Lange, K. Lehmborg, C. Wohlschläger, S. Biskup, **I. Fuchs, J. Mann, S. Ehl, K. Warnatz*, and R. Schroers.** 2021. Case Report: Hemophagocytic Lymphohistiocytosis and Non-Tuberculous Mycobacteriosis Caused by a Novel GATA2 Variant. *Front Immunol* 12: 682934.
 27. **Moghadam, Z. M., P. Henneke, and J. Kolter.** 2021. From Flies to Men: ROS and the NADPH Oxidase in Phagocytes. *Front Cell Dev Biol* 9: 628991.
 28. **Mosti, L., L. M. Langner, K. O. Chmielewski, P. Arbutnot, J. Alzubi, and T. Cathomen.** 2021. Targeted multi-epitope switching enables straightforward positive/negative selection of CAR T cells. *Gene Ther* 10.1038/s41434-021-00220-6.
 29. Mueller, M. C., W. V. Kern, S. Usadel, M. C. Pauly, **T. Cathomen, and U. Salzer.** 2021. Assessing the differential impact of chronic CMV and treated HIV infection on CD8+ T-cell differentiation in a matched cohort study: is CMV the key? *AIDS Res Ther* 18: 37.
 30. **Mussolino, C., and P. Harrison.** 2021. Spotlight on gene therapy in Germany. *Gene Ther* 28: 471-472.
 31. **Mussolino, C., and J. Strouboulis.** 2021. Recent Approaches for Manipulating Globin Gene Expression in Treating Hemoglobinopathies. *Front Genome Ed* 3: 618111.
 32. **Pathan-Chhatbar, S., C. Drechsler, K. Richter, A. Morath, W. Wu, B. OuYang, C. Xu, and W. W. Schamel.** 2020. Direct Regulation of the T Cell Antigen Receptor's Activity by Cholesterol. *Front Cell Dev Biol* 8: 615996.
 33. **Ramirez, N. J., S. Posadas-Cantera, A. Caballero-Oteyza, N. Camacho-Ordonez, and B. Grimbacher.** 2021. There is no gene for CVID - novel monogenetic causes for primary antibody deficiency. *Curr Opin Immunol* 72: 176-185.

34. Roessner, P. M.*, L. Llaó Cid*, E. Lupar*, T. Roeder, M. Bordas, C. Schiffers, L. Arseni, A. C. Gaupel, F. Kilpert, M. Krötschel, S. J. Arnold, L. Sellner, D. Colomer, S. Stilgenbauer, S. Dietrich, P. Lichter, **A. Izcue***, and M. Seiffert*. 2021. EOMES and IL-10 regulate antitumor activity of T regulatory type 1 CD4(+) T cells in chronic lymphocytic leukemia. *Leukemia* 35: 2311-2324.
35. **Rojas-Restrepo, J.***, **A. Caballero-Oteyza***, **K. Huebscher, H. Haberstroh, M. Fliegauf, B. Keller, R. Kobbe, K. Warnatz, S. Ehl, M. Proietti*, and B. Grimbacher***. 2021. Establishing the Molecular Diagnoses in a Cohort of 291 Patients With Predominantly Antibody Deficiency by Targeted Next-Generation Sequencing: Experience From a Monocentric Study. *Front Immunol* 12: 786516.
36. **Salzer, U., and B. Grimbacher**. 2021. TAC1 deficiency - a complex system out of balance. *Curr Opin Immunol* 71: 81-88.
37. **Sehnert, B., S. Pohle, C. Heuberger, R. Rzepka, M. Seidl, F. Nimmerjahn, N. Chevalier, J. Titze, and R. E. Voll**. 2021. Low-Salt Diet Attenuates B-Cell- and Myeloid-Cell-Driven Experimental Arthritides by Affecting Innate as Well as Adaptive Immune Mechanisms. *Front Immunol* 12: 765741.
38. **Sevdali, E., V. Block Saldana, M. Speletas, and H. Eibel**. 2021. BAFF receptor polymorphisms and deficiency in humans. *Curr Opin Immunol* 71: 103-110.
39. Spielberger, B. D.*, **T. Goerne***, A. Geweniger, **P. Henneke, and R. Elling**. 2021. Intra-Household and Close-Contact SARS-CoV-2 Transmission Among Children - a Systematic Review. *Front Pediatr* 9: 613292.
40. Stich, M., **R. Elling, H. Renk, A. Janda, S. F. Garbade, B. Müller, H. G. Kräusslich, D. Fabricius, M. Zernickel, P. Meissner, D. Huzly, J. Grulich-Henn, A. Haddad, T. Görne, B. Spielberger, L. Fritsch, A. Nieters, H. Hengel, A. N. Dietz, T. Stamminger, T. Ganzenmueller, N. Ruetalo, A. Peter, J. Remppis, T. Iftner, K. Jeltsch, T. Waterboer, A. R. Franz, G. F. Hoffmann, C. Engel, K. M. Debatin, B. Tönshoff, and P. Henneke**. 2021. Transmission of Severe Acute Respiratory Syndrome Coronavirus 2 in Households with Children, Southwest Germany, May-August 2020. *Emerg Infect Dis* 27.
41. **Thalhammer, J.***, **G. Kindle*, A. Nieters, S. Rusch, M. R. J. Seppänen, A. Fischer, B. Grimbacher, D. Edgar, M. Buckland, N. Mahlaoui, and S. Ehl**. 2021. Initial presenting manifestations in 16,486 patients with Inborn Errors of Immunity include infections and non-infectious manifestations. *J Allergy Clin Immunol* 10.1016/j.jaci.2021.04.015.
42. **Thalhammer, J., M. E. Maccari, O. Wegehaupt, S. Ehl, and C. Speckmann**. 2021. Ledipasvir/Sofosbuvir Eradicates Hepatitis C in an Immunodeficient STAT3-GOF Patient. *J Clin Immunol* 10.1007/s10875-021-01011-9.
43. Tönshoff, B., B. Müller, **R. Elling***, H. Renk, P. Meissner, H. Hengel, S. F. Garbade, M. Kieser, K. Jeltsch, J. Grulich-Henn, J. Euler, M. Stich, K. Chobanyan-Jürgens, M. Zernickel, A. Janda, L. Wölfe, T. Stamminger, T. Iftner, T. Ganzenmueller, C. Schmitt, T. Görne, V. Laketa, S. Olberg, A. Plaszczycza, M. Cortese, R. Bartenschlager, C. Pape, R. Remme, D. Huzly, M. Panning, S. Weigang, S. Giese, K. Ciminski, J. Ankerhold, G. Kochs, M. Schwemmler, R. Handgretinger, C. M. Niemeyer, C. Engel, W. V. Kern, G. F. Hoffmann, A. R. Franz, **P. Henneke***, K. M. Debatin, and H. G. Kräusslich. 2021. Prevalence of SARS-CoV-2 Infection in Children and Their Parents in Southwest Germany. *JAMA Pediatr* 10.1001/jamapediatrics.2021.0001.
44. **Turchiano, G., G. Andrieux, J. Klermund, G. Blattner, V. Pennucci, M. El Gaz, G. Monaco, S. Poddar, C. Mussolino, T. I. Cornu, M. Boerries, and T. Cathomen**. 2021. Quantitative evaluation of chromosomal rearrangements in gene-edited human stem cells by CAST-Seq. *Cell Stem Cell* 10.1016/j.stem.2021.02.002.
45. **van Schewick, C. M., D. M. Lowe, S. O. Burns, S. Workman, A. Symes, D. Guzman, F. Moreira, J. Watkins, I. Clark, and B. Grimbacher**. 2021. Bowel Histology of COVID Patients Reveals Distinct Patterns of Mucosal Inflammation. *J Clin Immunol* 10.1007/s10875-021-01104-5.
46. Vavassori, S.*, J. Chou*, **L. E. Faletti***, V. Haunerding, L. Opitz, P. Joset, C. J. Fraser, S. Prader, X. Gao, L. A. Schuch, M. Wagner, J. Hoefele, **M. E. Maccari, Y. Zhu, G. Elakis, M. T. Gabbett, M. Forstner, H. Omran, T. Kaiser, C. Kessler, H. Olbrich, P. Frosk, A. Almutairi, C. D. Platt, M. Elkins, S. Weeks, T. Rubin, R. Planas, T. Marchetti, D. Koovely, V. Klämbt, N. A. Soliman, S. von Hardenberg, C. Klemann, U. Baumann, D. Lenz, A. Klein-Franke, M. Schwemmler, M. Huber, E. Sturm, S. Hartleif, K. Häffner, C. Gimpel, B. Brotschi, G. Laube, T. Güngör, M. F. Buckley, R. Kottke, C. Staufner, F. Hildebrandt, S. Reu-Hofer, S. Moll, A. Weber, H. Kaur, **S. Ehl, S. Hiller, R. Geha*, T. Roscioli*, M. Griese*, and J. P. Schmid***. 2021. Multisystem Inflammation and Susceptibility to Viral infections in Human ZNF1 Deficiency. *J Allergy Clin Immunol* 10.1016/j.jaci.2021.03.045.**
47. **von Spee-Mayer, C., C. Echternach, P. Agarwal, S. Gutenberger, V. Soetedjo, S. Goldacker, and K. Warnatz**. 2021. Abatacept Use Is Associated with Steroid Dose Reduction and Improvement in Fatigue and CD4-Dysregulation in COVID Patients with Interstitial Lung Disease. *J Allergy Clin Immunol Pract* 9: 760-770.e710.
48. **Wehr, C., L. Houet, S. Unger, G. Kindle, S. Goldacker, B. Grimbacher, A. Caballero Garcia de Oteyza, R. Marks, D. Pfeifer, A. Nieters, M. Proietti, K. Warnatz*, and A. Schmitt-Graeff***. 2021. Altered Spectrum of Lymphoid Neoplasms in a Single-Center Cohort of Common Variable Immunodeficiency with Immune Dysregulation. *J Clin Immunol* 10.1007/s10875-021-01016-4.
49. Wolf, P., **J. Alzubi, C. Gratzke, and T. Cathomen**. 2021. The potential of CAR T cell therapy for prostate cancer. *Nat Rev Urol* 10.1038/s41585-021-00488-8.
50. **Zeisbrich, M., N. Chevalier, B. Sehnert, M. Rizzi, N. Venhoff, J. Thiel, and R. E. Voll**. 2021. CMTM6-Deficient Monocytes in ANCA-Associated Vasculitis Fail to Present the Immune Checkpoint PD-L1. *Front Immunol* 12: 673912.