

Ten selected publications

1. Renna V, Surova E, Khadour A, Datta M, Amendt T, Hobeika E, Jumaa H: **Defective Allelic Exclusion by IgD in the Absence of Autoantigen.** *J Immunol* 2022, **208**(2):293-302.
2. Mazzarello AN, Gentner-Göbel E, Duhren-von Minden M, Tarasenko TN, Nicolò A, Ferrer G, Vergani S, Liu Y, Bagnara D, Rai KR, Burger JA, McGuire PJ, Maity PC, Jumaa H, Chiorazzi N: **B cell receptor isotypes differentially associate with cell signaling, kinetics, and outcome in chronic lymphocytic leukemia.** *J Clin Invest* 2022, **132**(2).
3. Nicolò A, Linder AT, Jumaa H, Maity PC: **The Determinants of B Cell Receptor Signaling as Prototype Molecular Biomarkers of Leukemia.** *Front Oncol* 2021, **11**:771669.
4. Amendt T, Ayoubi OE, Linder AT, Allies G, Young M, Setz CS, Jumaa H: **Primary Immune Responses and Affinity Maturation Are Controlled by IgD.** *Front Immunol* 2021, **12**:709240.
5. Maity PC, Bilal M, Koning MT, Young M, van Bergen CAM, Renna V, Nicolò A, Datta M, Gentner-Göbel E, Barendse RS, Somers SF, de Groen RAL, Vermaat JSP, Steinbrecher D, Schneider C, Tausch E, Bittolo T, Bomben R, Mazzarello AN, Del Poeta G, Kroes WGM, van Wezel JT, Imkeller K, Busse CE, Degano M, Bakchoul T, Schulz AR, Mei H, Ghia P, Kotta K, Stamatopoulos K, Wardemann H, Zucchetto A, Chiorazzi N, Gattei V, Stilgenbauer S, Veelken H, Jumaa H: **IGLV3-21*01 is an inherited risk factor for CLL through the acquisition of a single-point mutation enabling autonomous BCR signaling.** *Proc Natl Acad Sci U S A* 2020, **117**(8):4320-4327.
6. Setz CS, Khadour A, Renna V, Iype J, Gentner E, He X, Datta M, Young M, Nitschke L, Wienands J, Maity PC, Reth M, Jumaa H: **Pten controls B-cell responsiveness and germinal center reaction by regulating the expression of IgD BCR.** *EMBO J* 2019, **38**(11).
7. Iype J, Datta M, Khadour A, Ubelhart R, Nicolò A, Rollenske T, Duhren-von Minden M, Wardemann H, Maity PC, Jumaa H: **Differences in Self-Recognition between Secreted Antibody and Membrane-Bound B Cell Antigen Receptor.** *J Immunol* 2019, **202**(5):1417-1427.
8. Setz CS, Hug E, Khadour A, Abdelrasoul H, Bilal M, Hobeika E, Jumaa H: **PI3K-Mediated Blimp-1 Activation Controls B Cell Selection and Homeostasis.** *Cell Rep* 2018, **24**(2):391-405.
9. Imkeller K, Scally SW, Bosch A, Marti GP, Costa G, Triller G, Murugan R, Renna V, Jumaa H, Kremsner PG, Sim BKL, Hoffman SL, Mordmuller B, Levashina EA, Julien JP, Wardemann H: **Antihomotypic affinity maturation improves human B cell responses against a repetitive epitope.** *Science* 2018, **360**(6395):1358-1362.

10. Minici C, Gounari M, Ubelhart R, Scarfo L, Duhren-von Minden M, Schneider D, Tasdogan A, Alkhatib A, Agathangelidis A, Ntoufa S, Chiorazzi N, Jumaa H, Stamatopoulos K, Ghia P, Degano M: **Distinct homotypic B-cell receptor interactions shape the outcome of chronic lymphocytic leukaemia.** *Nat Commun* 2017, **8**:15746.