

STEFANIE KREUTMAIR

PEER-REVIEWED PUBLICATIONS

Kreutmair S, Erlacher M, Andrieux G, Istvanffy R, Mueller-Rudorf A, Zwick M, Rückert T, Pantic M, Poggio T, Shoumariyeh K, Mueller TA, Kawaguchi H, Follo M, Klingenberg C, Wlodarski M, Baumann I, Pfeifer D, Kulinski M, Rudelius M, Lemeer S, Kuster B, Dierks C, Peschel C, Cabezas-Wallscheid N, Duque-Afonso J, Zeiser R, Cleary ML, Schindler D, Schmitt-Graeff A, Boerries M, Niemeyer CM, Oostendorp RA, Duyster J, Illert AL. Loss of the Fanconi anemia-associated protein NIPA causes bone marrow failure. *J Clin Invest*. 2020 Apr 27. pii: 126215. [Epub ahead of print]

Kreutmair S, Klingenberg C, Poggio T, Andrieux G, Keller A, Miething C, Follo M, Pfeifer D, Shoumariyeh K, Lengerke C, Gonzalez-Menendez I, Fend F, Zeiser R, Turner SD, Quintanilla-Martinez L, Boerries M, Duyster J, Illert AL. Existence of reprogrammed lymphoma stem cells in a murine ALCL-like model. *Leukemia*. 2020 Mar 17. [Epub ahead of print]

Shoumariyeh K, Schneider N, Poggio T, Veratti P, Ehrenfeld S, Redhaber DM, Khan R, Pfeifer D, Klingenberg C, **Kreutmair S**, Rudelius M, Quintanilla-Martinez L, Fend F, Illert AL, Duyster J, Miething C. A novel conditional NPM-ALK-driven model of CD30+ T-cell lymphoma mediated by a translational stop cassette. *Oncogene*. 2020 Feb;39(9):1904-1913.

Gengenbacher A, Müller-Rudorf A, Poggio T, Gräbel L, Dumit VI, **Kreutmair S**, Lippert LJ, Duyster J, Illert AL. Proteomic Phosphosite Analysis Identified Crucial NPM-ALK-Mediated NIPA Serine and Threonine Residues. *Int J Mol Sci*. 2019 Aug 20;20(16). pii: E4060.

Yu C, Gorantla SP, Müller-Rudorf A, Müller TA, **Kreutmair S**, Albers C, Jakob L, Lippert LJ, Yue Z, Engelhardt M, Follo M, Zeiser R, Huber TB, Duyster J, Illert AL. Phosphorylation of BECLIN-1 by BCR-ABL suppresses autophagy in chronic myeloid leukemia. *Haematologica*. 2020 May;105(5):1285-1293.

Rudorf A, Müller TA, Klingenberg C, **Kreutmair S**, Poggio T, Gorantla SP, Rückert T, Schmitt-Graeff A, Gengenbacher A, Paschka P, Baldus C, Zeiser R, Vassiliou GS, Bradley A, Duyster J, Illert AL. NPM1c alters FLT3-D835Y localization and signaling in acute myeloid leukemia. *Blood*. 2019 Jul 25;134(4):383-388.

Ewerth D, **Kreutmair S**, Schmidts A, Ihorst G, Follo M, Wider D, Felthaus J, Schüler J, Duyster J, Illert AL, Engelhardt M, Wäsch R. APC/C^{Cdh1} regulates the balance between maintenance and differentiation of hematopoietic stem and progenitor cells. *Cell Mol Life Sci*. 2019 Jan; 76(2):369-380.

Gerboth S, Frittoli E, Akunuru S, Baltanas FC, Palamidessi A, Mogjiborahman S, Rapsilberg Y, Giuliani C, Troglia F, Rolland Y, Pruneri G, **Kreutmair S**, Pallavicini I, Santos E, Zhang Y, Illert AL, Scita G. Tyrosine phosphorylation of SOS1 promotes its RAC GEF activity and is required for BCR-ABL leukemogenesis. *Leukemia*. 2018 March. 32(3):820-827.

Illert AL, Albers C, **Kreutmair S**, Leischner H, Peschel C, Miething C, Duyster J. Grb10 is Involved in BCR-ABL Positive Leukemia in Mice. *Leukemia*. 2015 Apr. 29(4):858-68.

Illert AL, Seitz AK, Rummelt C, **Kreutmair S**, Engh RA, Goodstal S, Peschel C, Duyster J, von Bubnoff N. Inhibition of Aurora kinase B is important for biologic activity of the dual inhibitors of BCR-ABL and Aurora kinases R763/AS703569 and PHA-739358 in BCR-ABL transformed cells. *PLoS One*. 2014 Nov. 9(11):e112318.

Illert AL, Zech M, Moll C, Albers C, **Kreutmair S**, Peschel C, Bassermann F, Duyster J. Extracellular signal-regulated kinase 2 (ERK2) mediates phosphorylation and inactivation of Nuclear interaction partner of Anaplastic lymphoma kinase (NIPA) at G2/M. *J Biol Chem*. 2012 Nov. 287(45):37997-8005.

BOOKS

Engelhardt M, Mertelsmann R, contribution **Kreutmair S**. Das Blaue Buch: Chemotherapie-Manual Hämatologie und Onkologie. Springer. 7. Auflage. 2020, ISBN 978-3662603796.

Berger DP, Mertelsmann R, contribution **Kreutmair S.** Das Rote Buch Hämatologie und Internistische Onkologie. *Ecomed Medizin*. 6. Auflage. 2017. ISBN 978-3-609-51221-1.

JOURNALS

Kreutmair S, Illert AL. Kommentar: ctDNA als Prognosemarker beim DLBCL. Springer Medizin, *Im Fokus Onkologie*. Ausgabe 4/2019.