

Übersicht der Publikationen mit Drittmittelsupport Hiege Stiftung-Die Deutsche Hautkrebsstiftung; Stand Juni 2023

Prof. Dr. rer.nat. Iris Helfrich

1. Dayana Herrera-Ríos, Jana Hänske, Mykola Lyndin, Michael Flaig Daniela Pierscianek, Ulrich Sure, Klaus Pantel, Dirk Schadendorf, Harriet Wikman, Robert Kammerer, Bernhard Singer, **Iris Helfrich**
„Genetic landscape of CEACAM1 variants in melanoma metastases of the brain“
Frontiers in Immunology (in revision)
2. Sara Egea-Rodriguez, Renáta Váraljai, Manuel Philip, Alexander Roesch, Florian Rambow, Ian D. Hickson, Dirk Schadendorf, Susanne Horn, **Iris Helfrich**.
„RECQL4 favors an immune-evasive signature limiting response to cancer immunotherapy and patient survival“.
Cancer letters (in revision)
3. Martins Nascentes Melo L, Herrera-Rios D, Hinze D, Löffek S, Oezel I, Turiello R, Klein J, Leonardelli S, Westedt IV, Al-Matary Y, Egea-Rodriguez S, Brenzel A, Bau M, Sucker A, Hadaschik E, Wirsdörfer F, Hanenberg H, Uhlenbrock N, Rauh D, Poźniak J, Rambow F, Marine JC, Effern M, Glodde N, Schadendorf D, Jablonska J, Hölzel M, **Helfrich I.**
„Glucocorticoid activation by HSD11B1 limits T cell-driven interferon signaling and response to PD-1 blockade in melanoma“.
J Immunother Cancer. 2023 Apr;11(4):e004150. doi: 10.1136/jitc-2021-004150.
Impact Factor: 12.48
4. Váraljai R, Horn S, Sucker A, Pierscianek D, Schmitt V, Carpinteiro A, Becker KA, Reifenberger J, Roesch A, Felsberg J, Reifenberger G, Sure U, Schadendorf D, **Helfrich I.**
„Integrative Genomic Analyses of Patient-Matched Intracranial and Extracranial Metastases Reveal a Novel Brain-Specific Landscape of Genetic Variants in Driver Genes of Malignant Melanoma.“
Cancers (Basel). 2021 Feb10;13(4):731. doi: 10.3390/cancers13040731.
Impact Factor: 6.639
5. Herrera-Rios D, Mughal SS, Teuber-Hanselmann S, Pierscianek D, Sucker A, Jansen P, Schimming T, Klode J, Reifenberger J, Felsberg J, Keyvani K, Brors B, Sure U, Reifenberger G, Schadendorf D, **Helfrich I.**
„Macrophages/Microglia Represent the Major Source of Indolamine 2,3-Dioxygenase Expression in Melanoma Metastases of the Brain“.
Front Immunol. 2020 Feb 5;11:120.
Impact Factor: 8.786
6. **Helfrich I.**, Singer BB.
„Size Matters: The Functional Role of the CEACAM1 Isoform Signature and Its Impact for NK Cell-Mediated Killing in Melanoma.
Cancers (Basel). 2019 Mar 13;11(3):356. doi: 10.3390/cancers11030356.
Impact Factor: 6.639

7. Löffek S, Ullrich N, Görgens A, Murke F, Eilebrecht M, Menne C, Giebel B, Schadendorf D, Singer BB, Helfrich I.
„CEACAM1-4L Promotes Anchorage-Independent Growth in Melanoma“.
Front Oncol. 2015 Oct 19;5:234. doi: 10.3389/fonc.2015.00234.
Impact Factor: 6.224

8. Ullrich N, Löffek S, Horn S, Ennen M, Sánchez-Del-Campo L, Zhao F, Breitenbuecher F, Davidson I, Singer BB, Schadendorf D, Goding CR, Helfrich I.
„MITF is a critical regulator of the carcinoembryonic antigen-related cell adhesion molecule 1 (CEACAM1) in malignant melanoma“.
Pigment Cell Melanoma Res. 2015 Nov;28(6):736-40. doi: 10.1111/pcmr.12414.
Impact Factor: 6.115

9. Ullrich N, Heinemann A, Nilewski E, Scheffrahn I, Klode J, Scherag A, Schadendorf D, Singer BB, Helfrich I.
„CEACAM1-3S Drives Melanoma Cells into NK Cell-Mediated Cytolysis and Enhances Patient Survival“.
Cancer Res. 2015 May 1;75(9):1897-907. doi: 10.1158/0008-5472.CAN-14-1752.
Impact Factor: 13.312