

Curriculum Vitae Magdalena Huber

Personal Data

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Selection of peer-reviewed research articles:

1. Neuhaus F, Lieber S, Shinkevich V, *et int*, **Huber M**. Reciprocal crosstalk between Th17 and mesothelial cells promotes metastasis-associated adhesion of ovarian cancer cells. *Clin. Transl. Med.* 2024 Apr;14(4):e1604. doi: 10.1002/ctm2.1604.
2. Picard FSR, Lutz V, Brichkina A, *et int*, **Huber M**. IL-17A-producing CD8⁺ T cells promote PDAC via induction of inflammatory cancer-associated fibroblasts. *Gut.* 2023 Feb 9:gutjnl-2022-327855. doi: 10.1136/gutjnl-2022-327855.
3. Lutz V, Hellmund VM, Picard FSR, *et int*, **Huber M**[#], Bauer C. IL-18 receptor signaling regulates tumor-reactive CD8⁺ T-cell exhaustion via activation of the IL-2/STAT5/mTOR pathway in a pancreatic cancer model. *Cancer Immunol Res.* 2023 Feb 9:CIR-22-0398. doi: 10.1158/2326-6066.
4. Raifer H, Schulz AR, Theodorou J, *et int*, **Huber M**. Mass cytometry-based identification of a unique T-cell signature in childhood allergic asthma. *Allergy.* 2022 Jan;77(1):313-316. doi: 10.1111/all.15110.
5. Salazar Y, Zheng X, Brunn D, *et int*, Pullamsetti SS^{*}, **Huber M**^{*}, Savai R^{*}. Microenvironmental Th9 and Th17 lymphocytes induce metastatic spreading in lung cancer. *J Clin Invest.* 2020 Jul 1;130(7):3560-3575. doi: 10.1172/JCI124037.
6. Lückel C, Picard F, Raifer H, *et int*, **Huber M**. IL-17⁺ CD8⁺ T cell suppression by dimethyl fumarate associates with clinical response in multiple sclerosis. *Nat Commun.* 2019 Dec 16;10(1):5722. doi: 10.1038/s41467-019-13731-z.
7. Lieber S, Reinartz S, Raifer H, *et int*, **Huber M**. Prognosis of ovarian cancer is associated with effector memory CD8⁺ T cell accumulation in ascites, CXCL9 levels and activation-triggered signal transduction in T cells. *Oncoimmunology* 2018, 7(5):e1424672. doi: 10.1080/2162402X.2018.1424672.
8. Campos Carrascosa L, Klein M, Kitagawa Y, *et int*, **Huber M**. Reciprocal regulation of the Il9 locus by counteracting activities of transcription factors IRF1 and IRF4. *Nat. Commun.* 2017, 12;8: 15366. doi: 10.1038/ncomms15366.
9. Raczkowski F, Ritter J, Heesch K, *et int*, **Huber M**. The transcription factor interferon regulatory factor 4 controls peripheral CD8⁺ T cell differentiation. *Proc. Natl. Acad. Sci. USA.* 2013. 110:15019-24. doi: 10.1073/pnas.1309378110.
10. **Huber M**, Heink S, Pagenstecher A, *et int*, Lohoff M. Pathogenic IL-17A-dependent help of Tc17 cells for Th17-mediated autoimmune encephalomyelitis. *J. Clin. Invest.* 2013, 123:247-260. doi: 10.1172/JCI63681.