

Curriculum Vitae Matthias Goebeler

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Selection of peer-reviewed research articles:

1. Haake M, Haack B, **Goebeler M**, et al, Wischhusen J. Tumor-derived GDF-15 blocks LFA-1 dependent T cell recruitment and suppresses responses to anti-PD-1 treatment. *Nat Commun.* 2023 Jul 20;14(1):4253. doi: 10.1038/s41467-023-39817-3.
2. **Goebeler M**, Bata-Csörgő Z, De Simone C, et al, Joly P. ARGX-113-1701 Investigator Study Group Treatment of pemphigus vulgaris and foliaceus with efgartigimod, a neonatal Fc receptor inhibitor: a phase II multicentre, open-label feasibility trial. *Br J Dermatol.* 2022 Mar;186(3):429-439. doi: 10.1111/bjd.20782.
3. Appenzeller S, Gesierich A, Thiem A, et al, Scharl M[#], **Goebeler M**[#], Meierjohann S[#]. Identification of patient-specific mutations reveals dual pathway activation in most melanoma patients and activated receptor tyrosine kinases in BRAF/NRAS wildtype melanomas. *Cancer.* 2019 Feb 15;125(4):586-600. doi: 10.1002/cncr.31843.
4. Alrefai H, Muhammad K, Rudolf R, et al, **Goebeler M**, Kerstan A, Serfling E. NFATc1 supports imiquimod-induced skin inflammation by suppressing IL-10 synthesis in B cells. *Nat Commun.* 2016 May 25;7:11724. doi: 10.1038/ncomms11724.
5. Schmidt M, Raghavan B, Müller V, et al, **Goebeler M**. A crucial role for human Toll-like receptor 4 in the development of contact allergy to nickel. *Nat Immunol.* 2010 Sep;11(9):814-9. doi: 10.1038/ni.1919.
6. Viemann D, Schmidt M, Tenbrock K, et al, **Goebeler M**. The contact allergen nickel triggers a unique inflammatory and proangiogenic gene expression pattern via independent activation of NF-kappaB and HIF-1alpha. *J Immunol.* 2007 Mar 1;178(5):3198-207. doi: 10.4049/jimmunol.178.5.3198.
7. Viemann D*, **Goebeler M***, Schmid S, et al, Roth J. Transcriptional profiling of IKK2/NF-kappaB- and p38 MAP kinase-dependent gene expression in TNF-stimulated primary human endothelial cells. *Blood.* 2004 May 1;103(9):3365-73. doi: 10.1182/blood-2003-09-3296.
8. Pasparakis M, Courtois G, Hafner M, et al, **Goebeler M**, et al, Haase I. TNF-mediated skin disease in mice with epidermis-specific deletion of IKK2. *Nature.* 2002 Jun 20;417(6891):861-6. doi: 10.1038/nature00820.
9. **Goebeler M**, Gillitzer R, Kilian K, et al, Ludwig S. Multiple signaling pathways regulate NF-kappaB-dependent transcription of the monocyte chemoattractant protein-1 (MCP-1) gene in primary endothelial cells. *Blood.* 2001 Jan 1;97(1):46-55. doi: 10.1182/blood.v97.1.46.
10. **Goebeler M**, Kilian K, Gillitzer R, et al, Rapp UR, Ludwig S. The MKK6/p38 stress kinase cascade is involved in TNF-alpha-induced expression of monocyte chemoattractant protein-1 in endothelial cells. *Blood.* 1999 Feb 1;93(3):857-65. doi: 10.1182/blood.V93.3.857.