

## Selected Publications:

1. Moos S, Mohebiany AN, Waisman A, Kurschus FC\*. Imiquimod-induced psoriasis in mice depends on the IL-17 signaling of keratinocytes. **J Invest Dermatol**. 2019, 139, 1110-1117
2. Wanke F, Moos S, Croxford AL, Heinen AP, Gräf S, Kalt B, Tischner D, Zhang J, Christen I, Bruttger J, Yogev N, Tang Y, Zayoud M, Israel N, Karram K, Reißig S, Lacher SM, Reichhold C, Mufazalov IA, Ben-Nun A, Kuhlmann T, Wettschureck N, Sailer AW, Rajewsky K, Casola S\*, Waisman A\*, and Kurschus FC\*. EBI2 is highly expressed in multiple sclerosis lesions and promotes early CNS migration of encephalitogenic CD4 T cells. **Cell Reports**. 2017 Jan 31;18(5):1270-1284.
3. Croxford AL, Karbach S, Kurschus FC, Wörtge S, Nikolaev A, Yogev N, Klebow S, Schuler R, Reissig S, Piotrowski C, Brylla E, Bechmann I, Scheller J, Rose-John S, Wunderlich FT, Munzel T, von Stebut E, Waisman A. IL-6 Regulates Neutrophil Microabscess Formation in IL-17A-Driven Psoriasiform Lesions. **J Invest Dermatol** 2014;134:728-35.
4. El Malki K, Karbach SH\*, Huppert J, Zayoud M, Reissig S, Schüler R, Nikolaev A, Karram K, Münzel T, Kuhlmann CR, Luhmann HJ, von Stebut E, Wörtge S, Kurschus FC\*, Waisman A. An alternative pathway of imiquimod-induced psoriasis-like skin inflammation in the absence of interleukin-17 receptor a signaling. **J Invest Dermatol**. 2013 Feb;133(2):441-51.
5. Yogev N, Frommer F, Lukas D, Kautz-Neu K, Karram K, Ielo D, von Stebut E, Probst HC, van den Broek M, Riethmacher D, Birnberg T, Blank T, Reizis B, Korn T, Wiendl H, Jung S, Prinz M, Kurschus FC, Waisman A. Dendritic cells ameliorate autoimmunity in the CNS by controlling the homeostasis of PD-1 receptor(+) regulatory T cells. **Immunity**. 2012 Aug 24;37(2):264-75.
6. Kurschus FC\*, Croxford AL, Heinen AP, Wörtge S, Ielo D, Waisman A. Genetic proof for the transient nature of the Th17 phenotype. **Eur J Immunol**. 2010 Dec;40(12):3336-46.
7. Pöllinger B, Krishnamoorthy G, Berer K, Lassmann H, Bösl MR, Dunn R, Domingues HS, Holz A, Kurschus FC\*, Wekerle H\*. Spontaneous relapsing-remitting EAE in the SJL/J mouse: MOG-reactive transgenic T cells recruit endogenous MOG-specific B cells. **J Exp Med**. 2009 Jun 8;206(6):1303-16.
8. Kurschus FC, Fellows E, Stegmann E, Jenne DE. Granzyme B delivery via perforin is restricted by size, but not by heparan sulfate-dependent endocytosis. **Proc Natl Acad Sci U S A**. 2008 Sep 16;105(37):13799-804.
9. Fellows E, Gil-Parrado S, Jenne DE, Kurschus FC\*. Natural killer cell-derived human granzyme H induces an alternative, caspase-independent cell-death program. **Blood**. 2007 Jul 15;110(2):544-52.
10. Kurschus FC\*, Bruno R, Fellows E, Falk CS, Jenne DE. Membrane receptors are not required to deliver granzyme B during killer cell attack. **Blood**. 2005 Mar 1;105(5):2049-58.

\*corresponding authorship