

# Publications

Jaeger M, Dietschmann A, Austermeier S, Dinçer S, Porschitz P, Vornholz L, Maas RJA, Sprenkeler EGG, Ruland J, Wirtz S, Azam T, Joosten LAB, Hube B, Netea MG, Dinarello CA, Gresnigt MS (2024) Alpha1-antitrypsin impacts innate host-pathogen interactions with *Candida albicans* by stimulating fungal filamentation. *Virulence*, 2333367.

Valentine M<sup>\*</sup>, Rudolph P<sup>\*</sup>, Dietschmann A, Tsavou A, Mogavero S, Lee S, Priest EL, Zhurgenbayeva G, Jablonowski N, Timme S, Eggeling C, Allert S, Dolk E, Naglik JR, Figge MT, Gresnigt MS<sup>#</sup>, Hube B<sup>#</sup> (2024) Nanobody-mediated neutralization of candidalysin prevents epithelial damage and inflammatory responses that drive vulvovaginal candidiasis pathogenesis. *mBio* 15(3), e0340923.

Chao YY, Puhach A, Frieser D, Arunkumar M, Lehner L, Seeholzer T, Garcia-Lopez A, van der Wal M, Fibi-Smetana S, Dietschmann A, Sommermann T, Ćiković T, Taher L, Gresnigt MS, Vastert SJ, van Wijk F, Panagiotou G, Krappmann D, Groß O, Zielinski CE (2023) Human TH17 cells engage gasdermin E pores to release IL-1 $\alpha$  on NLRP3 inflammasome activation. *Nat Immunol* 24(2), 295-308.

Dietschmann A, Ruhl A, Murray PJ, Günther C, Becker C, Fallon P, Voehringer D (2023) Th2-dependent disappearance and phenotypic conversion of mouse alveolar macrophages. *Eur J Immunol* 53(10), e2350475.

Westermann S, Schubart C, Dietschmann A, Castiglione K, Radtke D, Voehringer D (2023) Th2-dependent STAT6-regulated genes in intestinal epithelial cells mediate larval trapping during secondary *Heligmosomoides polygyrus bakeri* infection. *PLoS Pathog* 19(4), e1011296.

Dietschmann A, Schruefer S, Westermann S, Henkel F, Castiglione K, Willebrand R, Adam J, Ruland J, Lang R, Sheppard DC, Esser-von-Bieren J, Radtke D, Krappmann S, Voehringer D (2022) Phosphatidylinositol 3-kinase (PI3K) orchestrates *Aspergillus fumigatus*-induced eosinophil activation independently of canonical toll-like receptor (TLR)/C-type-lectin receptor (CLR) signaling. *mBio* 13(4), e0123922.

Pekmezovic M, Dietschmann A, Gresnigt MS (2022) Type I interferons during host-fungus interactions: Is antifungal immunity going viral? *PLOS Pathog* 18(8), e1010740.

<sup>\*</sup>equal contribution <sup>#</sup>corresponding author