

Publications

Bruch A^{*}, Lazarova V^{*}, Krueger T, Schaeuble S, Kelani AA, Lehenberger P, Kniemeyer O, Panagiotou G, Blango MG (2024) Mod5 mediates a molecular trade-off between optimal gene expression and antifungal resistance. *bioRxiv* [Preprint]

Müller R, König A, Groth S, Zarnowski R, Visser C, Handrianz T, Maufrais C, Krüger T, Himmel M, Lee S, Priest EL, Yildirim D, Richardson JP, Blango MG, Bougnoux ME, Kniemeyer O, d'Enfert C, Brakhage AA, Andes DR, Trümper V, Nehls C, Kasper L, Mogavero S, Gutsmann T, Naglik JR, Allert S, Hube B (2024) Secretion of the fungal toxin candidalysin is dependent on conserved precursor peptide sequences. *Nat Microbiol* 9(3), 669-683.

Kelani AA, Bruch A, Rivieccio F, Visser C, Krüger T, Weaver D, Pan X, Schaeuble S, Panagiotou G, Kniemeyer O, Bromley MJ, Bowyer P, Barber AE, Brakhage AA, Blango MG (2023) Disruption of the *A. fumigatus* RNA interference machinery alters the conidial transcriptome. *RNA* 29(7), 1033-1050.

Micheel J, Aron F, Kelani AA, Girbhardt C, Blango MG, Walther G, Wollny D (2023) RNA-based sensitive fungal pathogen detection. *bioRxiv* [Preprint]

Schwarz C, Eschenhagen P, Schmidt H, Hohnstein T, Iwert C, Grehn C, Roehmel J, Steinke E, Stahl M, Lozza L, Tikhonova E, Rosati E, Stervbo U, Babel N, Mainz JG, Wisplinghoff H, Ebel F, Jia LJ, Blango MG, Hortschansky P, Brunke S, Hube B, Brakhage AA, Kniemeyer O, Scheffold A, Bacher P (2023) Antigen specificity and cross-reactivity drive functionally diverse anti-*Aspergillus fumigatus* T cell responses in cystic fibrosis. *J Clin Invest* 133(5), e161593.

Fleming BA^{*}, Blango MG^{*}, Rousek AA^{*}, Kincannon WM, Tran A, Lewis AJ, Russell CW, Zhou Q, Baird LM, Barber AE, Brannon JR, Beebout CJ, Bandarian V, Hadjifrangiskou M, Howard MT, Mulvey MA (2022) A tRNA modifying enzyme as a tunable regulatory nexus for bacterial stress responses and virulence. *Nucleic Acids Res* 50(13), 7570-7590.

Halder LD, Babych S, Palme DI, Mansouri-Ghahnavieh E, Ivanov L, Ashonibare V, Langenhorst D, Prusty B, Rambach G, Wich M, Trinks N, Blango MG, Kornitzer D, Terpitz U, Speth C, Jungnickel B, Beyersdorf N, Zipfel PF, Brakhage AA, Skerka C (2022) *Candida albicans* induces cross-kingdom miRNA trafficking in human monocytes to promote fungal growth. *mBio* 13(1), e0356321.

Rafiq M, Rivieccio F, Zimmermann AK, Visser C, Bruch A, Krüger T, González Rojas K, Kniemeyer O, Blango MG, Brakhage AA (2022) PLB-985 neutrophil-like cells as a model to study *Aspergillus fumigatus* pathogenesis. *mSphere* 7(1), e0094021.

Brakhage AA, Zimmermann AK, Rivieccio F, Visser C, Blango MG (2021) Host-derived extracellular vesicles for antimicrobial defense. *microLife* 2, uqab003. (Review)

Bruch A^{*}, Kelani AA^{*}, Blango MG[#] (2021) RNA-based therapeutics to treat human fungal infections. *Trends Microbiol* 30(5), 411-420. (Review)

* equal contribution #corresponding author

