

Publications

Bruch A*, Blango MG* (2024) RNA as a mediator of host-fungal pathogenesis. In: Brakhage AA, Kniemeyer O, Zipfel PF (eds.) *The Mycota - Human and Animal Relationships* 3. 6, pp. 93-119. Springer, Cham. ISBN: 978-3-031-64852. (Review)

Bruch A*, Lazarova V*, Berg M, Krueger T, Schaeuble S, Kelani AA, Mertens B, Lehenberger P, Kniemeyer O, Kaiser S, Panagiotou G, Gsaller F, Blango MG (2024) tRNA hypomodification facilitates 5-fluorocytosine resistance via cross-pathway control system activation in *Aspergillus fumigatus* *Nucleic Acids Res* , 1-20.

Pan X*, Bruch A*, Blango MG (2024) The past, present, and future of RNA modifications in infectious disease research. *ACS Infect Dis* , (Review)

Kelani AA, Bruch A, Riviuccio 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.

Rafiq M, Riviuccio 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.

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

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