

Publications

Eisele D^{*}, Blatzer M, Dietl AM, Binder U, Müller C, Hagen F, Sae-Ong T, Schäuble S, Panagiotou G, Vadehi-Shahandashti R^{*}, Lass-Flörl C (2025) *Aspergillus terreus* sectorization: a morphological phenomenon shedding light on amphotericin B resistance mechanism. *mBio* 16(4), e0392624.

Garcia Lopez R^{*}, Schaeuble S^{*}, Sae-Ong T, Seelbinder B, Bauer M, Giamarellos-Bourboulis EJ, Singer M, Lukaszewski R, Panagiotou G[#] (2024) Risk assessment with gene expression markers in sepsis development. *Cell Rep Med* 5(9), 101712.

Mirhakkak MH^{*}, Chen X^{*}, Heinekamp T, Sae-Ong T, Xu LL, Ni Y, Kurzai O, Barber AE, Brakhage AA, Boutin S, Schäuble S[#], Panagiotou G[#] (2023) Genome-scale Metabolic modeling of *Aspergillus fumigatus* strains reveals growth dependencies on the lung microbiome. *Nat Commun* 14(1), 4369.

Schruefer S, Pschibul A, Wong SSW, Sae-Ong T, Wolf T, Schäuble S, Panagiotou G, Brakhage AA, Amanianda V, Kniemeyer O, Ebel F (2023) Distinct transcriptional responses to fludioxonil in *Aspergillus fumigatus* and its Δ tcsC and Δ skn7 mutants reveal a crucial role for Skn7 in the cell wall reorganizations triggered by this antifungal. *BMC Genomics* 24(1), 684.

Barber AE^{*}, Sae-Ong T^{*}, Kang K, Seelbinder S, Li J, Walther G, Panagiotou G[#] & Kurzai O[#] (2021) *Aspergillus fumigatus* pan-genome analysis identifies genetic variants associated with human infection. *Nat Microbiol* 6(12), 1526-1536.

Barber AE, Riedel J, Sae-Ong T, Kang K, Brabetz W, Panagiotou G, Deising HB, Kurzai O (2020) Effects of agricultural fungicide use on *Aspergillus fumigatus* abundance, antifungal susceptibility, and population structure. *mBio* 11(6), e02213-20.

^{*}equal contribution [#]corresponding author