

Publications

Böhringer M, Pohlers S, Schulze S, Albrecht-Eckardt D, Piegsa J, Weber M, Martin R, Hünniger K, Linde J, Guthke R, Kurzai O (2016) *Candida albicans* infection leads to barrier breakdown and a MAPK/NF-κB mediated stress response in the intestinal epithelial cell line C2BBe1. *Cellular Microbiology* 18(7), 889-904.

Martin R, Albrecht-Eckardt D, Brunke S, Hube B, Hünniger K, Kurzai O (2013) A core filamentation response network in *Candida albicans* is restricted to eight genes. *PLOS One* 8(3), e58613.

Albrecht D, Kniemeyer O, Mech F, Gunzer M, Brakhage A, Guthke R (2011) On the way toward systems biology of *Aspergillus fumigatus* infection. *Int J Med Microbiol* 301(5), 453-459.

Priebe S, Linde J, Albrecht D, Guthke R, Brakhage AA (2011) FungiFun: A web-based application for functional categorization of fungal genes and proteins. *Fungal Genet Biol* 48(4), 353-358.

Albrecht D, Guthke R, Brakhage AA, Kniemeyer O (2010) Integrative analysis of the heat shock response in *Aspergillus fumigatus*. *BMC Genomics* 11, 32.

Albrecht D, Kniemeyer O, Brakhage AA, Guthke R (2010) Missing values in gel-based proteomics. *Proteomics* 10(6), 1202-1211.

Shelest V, Albrecht D, Shelest E (2010) DistanceScan: a tool for promoter modeling. *Bioinformatics* 26(11), 1460-1462.

Teutschbein J, Albrecht D, Pötsch M, Guthke R, Aimanianda V, Clavaud C, Latgé JP, Brakhage AA, Kniemeyer O (2010) Proteome profiling and functional classification of intracellular proteins from conidia of the human-pathogenic mold *Aspergillus fumigatus*. *J Proteome Res* 9(7), 3427-3442.

Vödisch M, Albrecht D, Lessing F, Schmidt AD, Winkler R, Guthke R, Brakhage AA, Kniemeyer O (2009) Two-dimensional proteome reference maps for the human pathogenic filamentous fungus *Aspergillus fumigatus*. *Proteomics* 9(5), 1407-1415.

Guthke R, Kniemeyer O, Albrecht D, Brakhage AA, Moeller U (2007) Discovery of gene regulatory networks in *Aspergillus fumigatus*. *Lect Notes Bioinf* 4366,

* equal contribution #corresponding author