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Alumni

Publications

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, Gutschmann 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.

[Details](#)



Yao X, Höppener C, Schneidewind H, Hoepfener S, Tang Z, Buchholz A, König A, Mogavero S, Diegel M, Dellith J, Turchanin A, Plass W, Hube B, Deckert V (2022) Targeted suppression of peptide degradation in Ag-based surface-enhanced raman spectra by depletion of hot carriers. *Small* 18(52), e2205080.

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König A, Hube B, Kasper L (2020) The dual Function of the fungal toxin candidalysin during *Candida albicans*-macrophage interaction and virulence. *Toxins* 12(8), 469. (Review)

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König A, Müller R, Mogavero S, Hube B (2020) Fungal factors involved in host immune evasion, modulation and exploitation during infection. *Cell Microbiol* 23(1), e13272. (Review)

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Kasper L, König A, Koenig PA, Gresnigt MS, Westman J, Drummond RA, Lionakis MS, Groß O, Ruland J, Naglik JR, Hube B (2018) The fungal peptide toxin Candidalysin activates the NLRP3 inflammasome and causes cytolysis in mononuclear phagocytes. *Nat Commun* 9(1), 4260.

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Naglik JR, König A, Hube B, Gaffen SL (2017) *Candida albicans*-epithelial interactions and induction of mucosal innate immunity. *Curr Opin Microbiol* 40, 104-112. (Review)

[Details](#)



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