

Publications

Brandt P*, Mirhakkak MH*, Wagner L, Driesch D, Möslinger A, Fänder P, Schäuble S, Panagiotou G, Vylkova S# (2023) High-throughput profiling of *Candida auris* isolates reveals clade-specific metabolic differences. *Microbiol Spectr* 11(3), e0049823. (Review)

Rebai Y, Wagner L, Gnaïen M, Hammer ML, Kapitan M, Niemiec MJ, Mami W, Mosbah A, Messadi E, Mardassi H, Vylkova S, Jacobsen ID, Znaïdi S# (2023) *Escherichia coli* nissle 1917 antagonizes *Candida albicans* growth and protects intestinal cells from *C. albicans*-mediated damage. *Microorganisms* 11(8), 1929.

Brandt P, Gerwien F, Wagner L, Krüger T, Ramírez-Zavala B, Mirhakkak MH, Schäuble S, Kniemeyer O, Panagiotou G, Brakhage AA, Morschhäuser J, Vylkova S (2022) *Candida albicans* SR-like protein kinases regulate different cellular processes: Sky1 is involved in control of ion homeostasis, while Sky2 is important for dipeptide utilization. *Front Cell Infect Microbiol* 12, 850531.

von Müller C, Bulman F, Wagner L, Rosenberger D, Marolda A, Kurzai O, Eißmann P, Jacobsen ID, Perner B, Hemmerich P, Vylkova S (2020) Active neutrophil responses counteract *Candida albicans* burn wound infection of *ex vivo* human skin explants. *Sci Rep* 10(1), 21818.

Wagner L, Bloos F, Vylkova S (2020) Bloodstream infection due to *Enterobacter ludwigii*, correlating with massive aggregation on the surface of a central venous catheter. *Infection* 48(6), 955-958.

Wagner L, Stielow JB, de Hoog GS, Bensch K, Schwartz VU, Voigt K, Alastruey-Izquierdo A, Kurzai O, Walther G (2020) A new species concept for the clinically relevant *Mucor circinelloides* complex. *Persoonia* 44, 67-97.

Burow K, Grawunder A, Harpke M, Pietschmann S, Ehrhardt R, Wagner L, Voigt K, Merten D, Büchel G, Kothe E (2019) Microbiomes in an acidic rock-water cave system. *FEMS Microbiol Lett* 366(13), fnz167.

Wagner L, de Hoog S, Alastruey-Izquierdo A, Voigt K, Kurzai O, Walther G (2019) A revised species concept for opportunistic *Mucor* species reveals species-specific antifungal susceptibility profiles. *Antimicrob Agents Chemother* 63(8), e00653-19.

Walther G, Wagner L, Kurzai O (2019) Updates on the taxonomy of mucorales with an emphasis on clinically important taxa. *J Fungi (Basel)* 5(4), 106. (Review)

Walther G, Wagner L, Kurzai O (2019) Outbreaks of mucorales and the species involved. *Mycopathologia* 185(5), 765-781. (Review)

Wijayawardene NN, Pawłowska J, Letcher PM, Kirk PM, Humber RA, Schussler A, Wrzosek M, Muszewska A, Okrasinska A, Istel L, Gesiorska A, Mungai P, Lateef AA, Rajeshkumar KC, Singh RV, Radek R, Walther G, Wagner L, Walker C, Wijesundara DSA, Papizadeh M, Dolatabadi S, Shenoy BD, Tokarev YS, Lumyong S, Hyde KD (2018) Notes for genera: basal clades of Fungi (including *Aphelidiomycota*, *Basidiobolomycota*, *Blastocladiomycota*, *Calcarisporiellomycota*, *Caulochytriomycota*, *Chytridiomycota*, *Entomophthoromycota*, *Glomeromycota*, *Kickxellomycota*, *Monoblepharomycota*, *Mortierellomycota*). *Fungal Divers* 92(1), 43-129.

Lima DX, Souza-Motta CM, Wagner L, Voigt K, de Souza CAF, de Oliveira RJV, da Silva GA, de Azevedo Santiago ALCM, Walther G (2017) *Circinella simplex* - a misapplied name of *Mucor circinatus* sp. nov. *Phytotaxa* 329(3), 269.

Münchberg U, Wagner L, Rohrer C, Voigt K, Rösch P, Jahreis G, Popp J (2015) Quantitative assessment of the degree of lipid unsaturation in intact *Mortierella* by Raman microspectroscopy. *Anal Bioanal Chem* 407(12), 3303-3311.

Münchberg U, Wagner L, Spielberg ET, Voigt K, Rösch P, Popp J (2013) Spatially resolved investigation of the oil composition in single intact hyphae of *Mortierella* spp. with micro-Raman spectroscopy. *Biochim Biophys Acta* 1831(2), 341-349.

Wagner L, Stielow B, Hoffmann K, Petkovits T, Papp T, Vágvölgyi C, de Hoog GS, Verkley G, Voigt K (2013) A comprehensive molecular phylogeny of the Mortierellales (*Mortierellomycotina*) based on nuclear ribosomal DNA. *Persoonia* 30, 77-93.

Petkovits T, Nagy LG, Hoffmann K, Wagner L, Nyilasi I, Griebel T, Schnabelrauch D, Vogel H, Voigt K, Vágvölgyi C, Papp T (2011) Data partitions, Bayesian analysis and phylogeny of the zygomycetous fungal family *Mortierellaceae*, inferred from nuclear ribosomal DNA sequences. *PLOS One* 6(11), e27507.

* equal contribution #corresponding author