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Topics

[Influence of *A. fumigatus* on phagocytes](#)

Publications

Goldmann M^{*}, Schmidt F^{*}, Cseresnyés Z, Orasch T, Jahreis S, Hartung S, Figge MT, von Lilienfeld-Toal M, Heinekamp T, Brakhage AA[#] (2023) The lipid raft-associated protein stomatin is required for accumulation of dectin-1 in the phagosomal membrane and for full activity of macrophages against *Aspergillus fumigatus*. *mSphere* 8(1), e00523-22.

[Details](#)



Hoang TNM^{*}, Cseresnyés Z^{*}, Hartung S^{*}, Blickensdorf M, Saffer C, Rennert K, Mosig AS, von Lilienfeld-Toal M, Figge MT (2022) Invasive aspergillosis-on-chip: A quantitative treatment study of human *Aspergillus fumigatus* infection. *Biomaterials* 283, 121420.

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Montaño DE, Hartung S, Wich M, Ali R, Jungnickel B, von Lilienfeld-Toal M, Voigt K (2022) The TLR-NF-κB axis contributes to the monocytic inflammatory response against a virulent strain of *Lichtheimia corymbifera*, a causative agent of invasive mucormycosis. *Front Immunol* 13, 882921.

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Böttcher S, Hartung S, Meyer F, Rummeler S, Voigt K, Walther G, Hochhaus A, von Lilienfeld-Toal M, Jahreis S (2021) Human mucosal-associated invariant T cells respond to Mucorales species in a MR1-dependent manner. *Med Mycol* 59(5), 505-509.

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Hartung S, Rauh C, Boettcher S, Hoang MTN, Jahreis S, Rummeler S, Hochhaus A, von Lilienfeld-Toal M (2019) Measuring phagocytosis of *Aspergillus fumigatus* conidia by human leukocytes using flow cytometry. *J Vis Exp* (154),

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Hartung S, Rauh C, Hoang TNM, Jahreis S, Wagner K, Macheleidt J, Brakhage AA, Rummeler S, Hochhaus A, von Lilienfeld-Toal M (2019) Fast and quantitative evaluation of human leukocyte interaction with *Aspergillus fumigatus* conidia by flow cytometry. *Cytometry A* 95(3), 332-338.

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Jahreis S, Böttcher S, Hartung S, Rachow T, Rummeler S, Dietl AM, Haas H, Walther G, Hochhaus A, von Lilienfeld-Toal M (2018) Human MAIT cells are rapidly activated by *Aspergillus* spp. in an APC-dependent manner. *Eur J Immunol* 48(10), 1698-1706.

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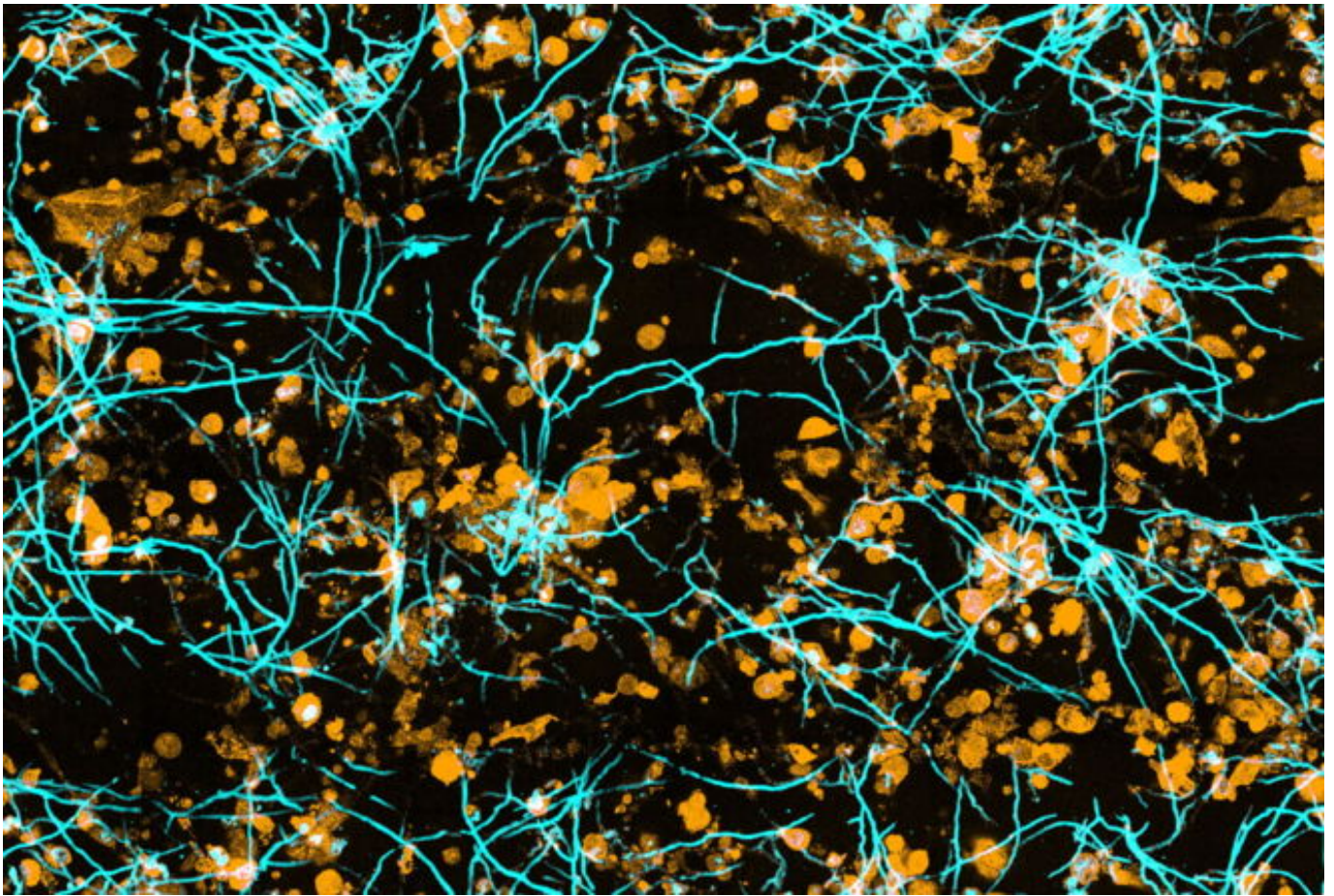
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