

Stefanie Dietrich

Alumni

Publications

Böttcher B, Hoffmann B, Garbe E, Weise T, Cseresnyés Z, Brandt P, Dietrich S, Driesch D, Figge MT, Vylkova S (2020) The transcription factor Stp2 is important for *Candida albicans* biofilm establishment and sustainability. *Front Microbiol* 11, 794.

[Details](#)



Al-Zaben N*, Medyukhina A*, Dietrich S, Marolda A, Hänniger K, Kurzai O, Figge MT; * authors contributed equally (2019) Automated tracking of label-free cells with enhanced recognition of whole tracks. *Sci Rep* 9(1), 3317.

[Details](#)



Dasari P, Koleci N, Shopova I, Wartenberg D, Beyersdorf N, Dietrich S, Sahagun-Ruiz A, Figge MT, Skerka C, Brakhage AA, Zipfel PF (2019) Enolase from *Aspergillus fumigatus* is a moonlighting and immune evasion protein that binds the human plasma complement proteins factor H, FHL-1, C4BP, and plasminogen. *Front Immunol* 10, 2573.

[Details](#)



Svensson C-M^{*}, Shydlovskiy O^{*}, Dietrich S, Mahler L, Weber T, Choudhary M, Tovar M, Figge MT^{**}, Roth M^{**}; ^{*} authors contributed equally; ^{*} corresponding authors; ^{**} authors contributed equally (2019) Coding of experimental conditions in microfluidic droplet assays using colored beads and machine learning supported image analysis. *Small* 15(4), e1802384.

[Details](#)



Dasari P, Shopova IA, Stroe M, Wartenberg D, Dahse HM, Beyersdorf N, Hortschansky P, Dietrich S, Cseresnyés Z, Figge MT, Westermann M, Skerka C, Brakhage AA, Zipfel PF (2018) Asp2 from *Aspergillus fumigatus* recruits human immune regulators for immune evasion and cell damage. *Front Immunol* 9, 1635.

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Brandes S, Dietrich S, Hänniger K, Kurzai O, Figge MT (2017) Migration and interaction tracking for quantitative analysis of phagocyte-pathogen confrontation assays. *Medical Image Analysis* 36, 172-183.

[Details](#)



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