

## Publications

Allert S<sup>\*</sup>, Förster TM<sup>\*</sup>, Svensson C-M, Richardson JP, Pawlik T, Hebecker B, Rudolphi S, Juraschitz M, Schaller M, Blagojevic M, Morschhäuser J, Figge MT, Jacobsen ID, Naglik JR, Kasper L, Mogavero S, Hube B; <sup>\*</sup>authors contributed equally (2018) *Candida albicans*-induced epithelial damage mediates translocation through intestinal barriers. *mBio* 9(3), e00915.

[Details](#)



Cseresnyes Z<sup>\*</sup>, Kraibooj K<sup>\*</sup>, Figge MT, <sup>\*</sup>authors contributed equally (2018) Hessian-based quantitative image analysis of host- pathogen confrontation assays. *Cytometry A* 93(3), 346-356.

[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.

## [Details](#)



Dennhardt S, Pirschel W, Wissuwa B, Daniel C, Gunzer F, Lindig S, Medyukhina A, Kiehntopf M, Rudolph WW, Zipfel PF, Gunzer M, Figge MT, Amman K, Coldewey S (2018) Modeling hemolytic-uremic syndrome: In-depth characterization of distinct murine models reflecting different features of human disease. *Front Immunol* 9, 1459.

## [Details](#)



Dudeck J<sup>\*</sup>, Medyukhina A<sup>\*</sup>, Figge MT<sup>\*\*</sup>, Dudeck A<sup>\*\*</sup>; <sup>\*</sup> authors contributed equally; <sup>\*\*</sup> corresponding authors, authors contributed equally (2018) Waffenübergabe im Immunsystem. *Laborjournal* 4, 40-43. (Review)

## [Details](#)



Figge MT (2018) Quantitative bioimage analysis of cell characteristics. *Cytometry A* 93(3), 278-280. (Review)

[Details](#)



Figge MT (2018) Drops of blood in focus. *LICHTGEDANKEN - The Magazine of the Friedrich Schiller University* 3, 26-29. (Review)

[Details](#)



Hermenau R, Ishida K, Gama S, Hoffmann B, Pfeifer-Leeg M, Plass W, Mohr JF, Wichard T, Saluz HP, Hertweck C (2018) Gramibactin is a bacterial siderophore with a diazeniumdiolate ligand system. *Nat Chem Biol* 14(9), 841-843.

[Details](#)



Kriegel FL, Köhler R, Bayat Sarmadi J, Bayerl S, Hauser AE, Niesner R, Luch A\*, Cseresnyés Z\*,  
\* authors contributed equally (2018) Morphology-based distinction between healthy and

pathological cells utilizing fourier transforms and self-organizing maps. *J Vis Exp* 140, e58543.

[Details](#)



Kriegel FL, Köhler R, Bayat-Sarmadi J, Bayerl S, Hauser AE, Niesner R, Luch A, Cseresnyes Z (2018) Cell shape characterization and classification with discrete fourier transforms and self-organizing maps. *Cytometry A* 93(3), 323-333.

[Details](#)



Page 1 of 2

- 1
- [2](#)
- [Load more](#)

[Publication list as PDF](#)