Dr. Sebastian Vlaic

Alumni

Publications

Kaur S, Rawal P, Siddiqui H, Rohilla S, Sharma S, Tripathi DM, Baweja S, Hassan M, Vlaic S, Guthke R, Thomas M, Dayoub R, Bihari C, Sarin SK, Weiss TS (2019) Increased expression of RUNX1 in liver correlates with NASH activity score in patients with non-alcoholic Steatohepatitis (NASH). *Cells* 8(10), 1277.

Details



Conrad T*, Kniemeyer O, Henkel SG, Krüger T, Mattern DJ, Valiante V, Guthke R, Jacobsen ID, Brakhage AA, Vlaic S, Linde J (2018) Module-detection approaches for the integration of multilevel omics data highlight the comprehensive response of *Aspergillus fumigatus* to caspofungin. *BMC Syst Biol* 12(1), 88.

Details

Rennert C, Vlaic S, Marbach-Breitrück E, Thiel C, Sales S, Shevchenko A, Gebhardt R, Matz-Soja M (2018) The diurnal timing of starvation differently impacts murine hepatic gene expression and lipid metabolism – A systems biology analysis using self-organizing maps. *Front Physiol* 9, 1180.

Details

Schaarschmidt B, Vlaic S, Medyukhina A, Neugebauer S, Nietzsche S, Gonnert FA, Rödel J, Singer M, Kiehntopf M, Figge MT, Jacobsen ID, Bauer M, Press AT (2018) Molecular signatures of liver dysfunction are distinct in fungal and bacterial infections in mice. *Theranostics* 8(14), 3766-3780.

Details

Schmidt H, Vlaic S, Krüger T, Schmidt F, Balkenhohl J, Dandekar T, Guthke R, Kniemeyer O, Heinekamp T, Brakhage AA (2018) Proteomics of *Aspergillus fumigatus* conidia-containing phagolysosomes identifies processes governing immune evasion. *Mol Cell Proteomics* 17(6), 1084-1096.

Details



Vlaic S, Conrad T, Tokarski-Schnelle C, Gustafsson M, Dahmen U, Guthke R, Schuster S (2018) ModuleDiscoverer: Identification of regulatory modules in protein-protein interaction networks. *Sci Rep* 8(1), 433.

Details



Christ B, Dahmen U, Herrmann KH, König M, Reichenbach JR, Ricken T, Schleicher J, Ole Schwen L, Vlaic S, Waschinsky N (2017) Computational Modeling in Liver Surgery. *Front Physiol* 8, 906. (Review)

Details



Guthke R, Gerber S, Conrad T, Vlaic S, Durmus S, Cakir T, Sevilgen E, Shelest E, Linde J (2016) Data-based reconstruction of gene regulatory networks of fungal pathogens. *Front*

Microbiol 7, 570.

Details

Hebecker B, Vlaic S, Conrad T, Bauer M, Brunke S, Kapitan M, Linde J, Hube B, Jacobsen ID (2016) Dual-species transcriptional profiling during systemic candidiasis reveals organ-specific host-pathogen interactions. *Sci Rep* 6, 36055.

Details

Böttger J, Arnold K, Thiel C, Rennert C, Aleithe S, Hofmann U, Vlaic S, Sales S, Shevchenko A, Matz-Soja M (2015) RNAi in murine hepatocytes: the agony of choice--a study of the influence of lipid-based transfection reagents on hepatocyte metabolism. *Arch Toxicol* 89(9), 1579-1588.

Details

- 2
- Load more

Publication list as PDF