

Dr. Robert Altwasser

Alumni

Publications

Altwasser R, Baldin C, Weber J, Guthke R, Kniemeyer O, Brakhage AA, Linde J, Valiante V (2015) Network Modeling Reveals Cross Talk of MAP Kinases during Adaptation to Caspofungin Stress in *Aspergillus fumigatus*. *PLOS One* 10(9), e0136932.

[Details](#)



Valiante V, Monteiro MC, Martín J, Altwasser R, El Aouad N, González I, Kniemeyer O, Mellado E, Palomo S, de Pedro N, Pérez-Victoria I, Tormo JR, Vicente F, Reyes F, Genilloud O, Brakhage AA (2015) Hitting the caspofungin salvage pathway of human-pathogenic fungi with the novel lasso peptide humidimycin (MDN-0010). *Antimicrob Agents Chemother* 59(9), 5145-5153.

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Vlaic S, Altwasser R, Kupfer P, Nilsson CL, Emmett M, Meyer-Baese A, Guthke R (2015) Inference of Predictive Phospho-Regulatory Networks from LC-MS/MS Phosphoproteomics Data In: INSTICC, Portugal (eds.) Communications in Computer and Information Science BIOINFOMATICS 2016 - 7th Int. Conf. Bioinformatics Models, Methods and Algorithms, Rome, Italy, 02/21/2016-02/23/2016, Springer.

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Altwasser R, Guthke R, Vlaic S, Emmett MR, Conrad CA, Meyer-Baese A (2013) Model order reduction of deterministic and stochastic gene regulatory networks. In: Hamid R. Arabnia, Quoc-Nam Tran (eds.) Proceedings of the International Conference on Bioinformatics and Computational Biology BIOCAMP'13 13th Int. Conf. Bioinformatics and Computational Biology, Las Vegas/USA, 09/16/2012-09/19/2012, pp. 487-496. CSREA Press, USA. ISBN: 1-60132-234-8.

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Altwasser R, Guthke R, Vlaic S, Emmett MR, Conrad CA, Meyer-Baese A (2013) Almost sure stability of stochastic gene regulatory networks with mode-dependent interval delays. In: Proc. BIOCAMP'13, BIOCAMP'12, Proc. 13th Int. Conf. Bioinformatics and Computational Biology, Las Vegas/USA, 09/16/2012-09/19/2012, pp. 468-477. CSREA Press, Las Vegas, USA. ISBN: 1-60132-234-8.

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Altwasser R, Linde J, Buyko E, Hahn U, Guthke R (2012) Genome-wide scale-free network inference for *Candida albicans*. *Front Microbiol* 3, 51.

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