Recent publications of EMC coworkers and cooperation partners in the field of drug development

1. K. Kaczanowska, K.-H. Wiesmüller, and A.-P. Schaffner (2010) Design, Synthesis, and in Vitro Evaluation of Novel Aminomethyl-pyridines as DPP-4 Inhibitors. ACS Med. Chem. Lett., Doi: 10.1021/ml100200c.
2. K. Kaczanowska, H. Eickhoff, K. Albert, K.-H. Wiesmüller, and A.-P. Schaffner (2010) A Simple, Diversity Oriented Synthesis of Highly Substituted Pyridines. J. Heterocyc. Chem. 48, 792–798. doi: 10.1002/jhet.614.
3. J. Bauer, S. Kinast, A. Burger-Kentischer, D. Finkelmeier, G. Kleymann, W.A. Rayyan, K. Schröppel, A. Singh, G. Jung, K.-H. Wiesmüller, S. Rupp, and H. Eickhoff (2011) High-Throughput-Screening-Based Identification and Structure-Activity Relationship Characterization Defined (*S*)-2-(1-Aminoisobutyl)-1-(3-chlorobenzyl)benzimidazole as a Highly Antimycotic Agent Nontoxic to Cell Lines. J Med Chem. 13;54(19),6993-6997. doi: 10.1021/jm200571e.
4. A. Burger-Kentischer, D. Finkelmeier, P. Keller, J. Bauer, H. Eickhoff, G. Kleymann, W. Abu Rayyan, A. Singh, K. Schröppel, K. Lemuth, K.-H. Wiesmüller, S. Rupp (2011) A screening assay based on host-pathogen interaction models identifies a set of novel antifungal benzimidazole derivatives. Antimicrob Agents Chemother. 55(10),4789-801. doi: 10.1128/AAC.01657-10.
5. A. Heintz-Buschart, H. Eickhoff, E. Hohn, U. Bilitewski (2013) Identification of inhibitors of yeast-to-hyphae transition in Candida albicans by a reporter screening assay. J Biotechnol. 10;164, 137-142. doi: 10.1016/j.jbiotec.2012.12.004.
6. P. Keller, C. Müller, I. Engelhardt, E. Hiller, K. Lemuth, H. Eickhoff, K.-H. Wiesmüller, A. Burger-Kentischer, F. Bracher, S. Rupp (2015) An Antifungal Benzimidazole Derivative Inhibits Ergosterol Biosynthesis and Reveals Novel Sterols. Antimicrob Agents Chemother. 59(10), 6296-6307. doi: 10.1128/AAC.00640-15.