

FMP Publications 2014 – 2020

Section Structural Biology

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2020

S, # equal contribution; * corresponding author(s); **bold**: FMP members

Barone, M., M. Müller, S. Chiha, J. Ren, D. Albat, A. Soicke, S. Dohmen, M. Klein, J. Bruns, M. van Dinther, **R. Opitz, P. Lindemann, M. Beerbaum, K. Motzny**, Y. Roske, **P. Schmieder, R. Volkmer, M. Nazare**, U. Heinemann, **H. Oschkinat**, P. Ten Dijke*, H. G. Schmalz*, **R. Kühne***, Designed nanomolar small-molecule inhibitors of Ena/VASP EVH1 interaction impair invasion and extravasation of breast cancer cells. *Proc Natl Acad Sci USA* **online ahead of print** (2020). <https://doi.org/10.1073/pnas.2007213117>

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Chilczuk, T., R. Monson, **P. Schmieder**, V. Christov, H. Enke, G. Salmond, T. H. J. Niedermeyer*, Ambigols from the Cyanobacterium *Fischerella ambigua* Increase Prodigiosin Production in *Serratia* spp. *ACS Chem Biol* **15**, 2929-2936 (2020). <https://doi.org/10.1021/acscchembio.0c00554>

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D'Andrea, E. D., Y. Roske, G. A. P. de Oliveira, **N. Cremer, A. Diehl, P. Schmieder**, U. Heinemann, **H. Oschkinat**, J. R. Pires, Crystal structure of Q4D6Q6, a conserved kinetoplastid-specific protein from *Trypanosoma cruzi*. *J Struct Biol* **211**, 107536 (2020). <https://doi.org/10.1016/j.jsb.2020.107536>

Dohmen, S., M. Reiher, D. Albat, S. Akyol, **M. Barone**, J. M. Neudorfl, **R. Kühne**, H. G. Schmalz*, Pd-Catalyzed Asymmetric N-Allylation of Amino Acid Esters with Exceptional Levels of Catalyst Control: Stereo-Divergent Synthesis of ProM-15 and Related Bicyclic Dipeptide Mimetics. *Chemistry* **26**, 3049-3053 (2020). <https://doi.org/10.1002/chem.202000307>

Finkenwirth, F., M. Sippach, S. N. Pecina, M. Gade, **J. Ruta**, A. Ricke, E. Bondarenko, J. P. Klare, **M. Zinke, S. Lange, A. Lange**, H. J. Steinhoff, T. Eitinger, Dynamic interactions of CbiN and CbiM trigger activity of a cobalt energy-coupling-factor transporter. *Biochim Biophys Acta Biomembr* **1862**, 183114 (2020). <https://doi.org/10.1016/j.bbamem.2019.183114>

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2019

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§, # equal contribution; * corresponding author(s); **bold**: FMP members

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§, # equal contribution; * corresponding author(s); **bold**: FMP members

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