



## Publications · Peer-Reviewed Articles

10/2020 Leber, C.A., Naman, C.B., **Keller, L.**, Almaliti, J., Caro-Diaz, E.J.E., Glukhov, E., Joseph, V., Sajeevan, T.P., Reyes, A.J., Biggs, J.S., Li, T., Yuan, Y., He, S., Yan, X., Gerwick, W.H. Applying a Chemogeographic Strategy for Natural Product Discovery from the Marine Cyanobacterium *Moorena bouillonii*. *Mar. Drugs* **2020**, *18*, 515

03/2020 **Keller L.**, Siqueira-Neto J.L., Souza J.M., Eribez K., LaMonte G.M., Smith J.E., Gerwick W.H. Palstimolide A: A Complex Polyhydroxy Macrolide with Antiparasitic Activity, *Molecules* **2020**, *25*, 1604

01/2020 **Keller L.**, Canuto K.M., Liu C., Suzuki B.M., Almaliti J., Sikandar A., Naman C.B., Glukhov E., Luo D., Duggan B.M., Luesch H., Koehnke J., O'Donoghue A.J., Gerwick W.H. Tutuilamides A–C: Vinyl-Chloride-Containing Cyclodepsipeptides from Marine Cyanobacteria with Potent Elastase Inhibitory Properties. *ACS Chem. Biol.* **2020**, *15*, 751

04/2018 Yan F., Auerbach D., Chai Y., **Keller L.**, Tu Q., Hüttel S., Glemser A., Grab H.A., Bach T., Zhang Y., Müller R. Biosynthesis and Heterologous Production of Vioprolides: Rational Biosynthetic Engineering and Unprecedented 4-Methylazetidinecarboxylic Acid Formation. *Angew. Chem. Int. Ed. Engl.* **2018**, *57*, 8754

07/2017 LaMonte G.M., Almaliti J., Bibo-Verdugo B., **Keller L.**, Zou B.Y., Yang J., Antonova-Koch Y., Orjuela-Sanchez P., Boyle C.A., Vigil E., Wang L., Goldgof G.M., Gerwick L., O'Donoghue A.J., Winzeler E.A., Gerwick W.H., Otilie S. (G.M.L., J.A., B.B.-V., and **L.K.** contributed equally to this work) Development of a Potent Inhibitor of the *Plasmodium* Proteasome with Reduced Mammalian Toxicity, *J. Med. Chem.* **2017**, *60*, 6721

06/2016 Salamanca-Pinzon S.G., Khatri Y., Carius Y., **Keller L.**, Müller R., Lancaster R., Bernhard R. Structure-function Analysis for the Hydroxylation of  $\Delta^4$  C21-Steroids by the Myxobacterial CYP260B1, *FEBS Lett.* **2016**, *590*, 1838

06/2015 **Keller L.**, Plaza A., Dubiella C., Groll M., Kaiser M., Müller R. Macyranonones: Structure, Biosynthesis and Binding Mode of an Unprecedented Epoxyketone that Targets the 20S Proteasome, *J. Am. Chem. Soc.* **2015**, *137*, 8121

06/2015 Fu C., **Keller L.**, Bauer A., Brönstrup M., Froidbise A., Hammann P., Herrmann J., Mondesert G., Kurz M., Schiell M., Schummer D., Toti L., Wink J., Müller R. Biosynthetic Studies of Telomycin Reveal New Lipopeptides with Enhanced Activity, *J. Am. Chem. Soc.* **2015**, *137*, 7692

04/2014 **Etzbach, L.**, Plaza A., Garcia R., Baumann S., Müller R. Cystomanamides: Structure and Biosynthetic Pathway of a Family of Glycosylated Lipopeptides from Myxobacteria *Org. Lett.* **2014**, *16*, 2414

03/2011 Peireira, A.; **Etzbach, L.**; Engene, N.; Müller, R.; Gerwick, W. H. (A.R.P. and **L.E.** contributed equally to this work) Molluscicidal Metabolites from an Assemblage of Palmyra Atoll Cyanobacteria *J. Nat. Prod.* **2011**, *74*, 1175

## Publications · Book Chapters

09/2017 **Keller L.**, Leão T., Gerwick W.H. Chemical Biology of Marine Cyanobacteria, in *Chemical Biology of Natural Products* (Edited by Newman D. J., Cragg G. M., and Grothaus P. G.), CRC Press, Boca Raton, **2017**, 43