

## Peer-reviewed Publications

\*contributed equally

- P9 **MG Chevrette**, CM Carlson, HE Ortega, C Thomas, GE Ananiev, KJ Barns, AJ Book, J Cagnazzo, C Carlos, W Flanigan, KJ Grubbs, HA Horn, FM Hoffman, JL Klassen, JJ Knack, GR Lewin, BR McDonald, L Muller, WGP Melo, AA Pinto-Tomás, A Schmitz, E Wendt-Pienkowski, S Wildman, M Zhao, F Zhang, J Clardy, TS Bugni, DR Andes, MT Pupo, CR Currie. “New antibiotics from insect microbiomes.” *Under review*.
- P8 N Liu,\* H Li,\* **MG Chevrette**, L Zhang, L Cao, H Zhou, X Zhou, Z Zhou, PB Pope, CR Currie, Y Huang, Q Wang. “Functional Metagenomics Reveals Polysaccharide-degrading Gene Clusters and Cellobiose Utilization Pathways in Gut Microbiota of a Wood-feeding Termite.” *Under review*.
- P7 N Adnani, **MG Chevrette**, SN Adibhatla, F Zhang, Q Yu, D Braun, J Nelson, SW Simpkins, BR McDonald, CL Myers, J Piotrowski, C Thompson, CR Currie, L Li, SR Rajsiki, TS Bugni. (2017). “Co-culture of Marine Invertebrate-Associated Bacteria and Interdisciplinary Technologies Enable Biosynthesis and Discovery of a New Antibiotic, Keyicin.” **ACS Chemical Biology**, 12(12), 3093. <https://doi.org/10.1021/acscchembio.7b00688>
- P6 AF Sanchez-Larrayoz, NM Elshamy, **MG Chevrette**, Y Fu, P Giunta, RG Spallanzani, K Ravi, GB Pier, S Lory, T Maira-Litrán. (2017). “Complexity of Complement-Resistance Factors Expressed by *Acinetobacter baumannii* Needed for Survival in Human Serum.” **Journal of Immunology**, 199: j11700877. <https://doi.org/10.4049/jimmunol.1700877>
- P5 **MG Chevrette**, F Aicheler, O Kohlbacher, CR Currie, MH Medema. (2017). “SANDPUMA: Ensemble Predictions of Nonribosomal Peptide Chemistry Reveals Biosynthetic Diversity across Actinobacteria.” **Bioinformatics**, 2017, 1–9. <https://doi.org/10.1093/bioinformatics/btx400>
- P4 IJ Miller, **MG Chevrette**, JC Kwan. (2017). “Interpreting Microbial Biosynthesis in the Genomic Age: Biological and Practical Considerations.” **Marine Drugs**, 15(6), 165. <https://doi.org/10.3390/md15060165>
- P3 K Blin, T Wolf, **MG Chevrette**, X Lu, CJ Schwalen, SA Kautsar, HG Suarez Duran, ELC de los Santos, HUK Kim, M Nave, JS Dickschat, DA Mitchell, E Shelest, R Breitling, E Takano, SY Lee, T Weber, MH Medema. (2017). “antiSMASH 4.0 - Improvements in Chemistry Prediction and Gene Cluster Boundary Identification.” **Nucleic Acids Research**, 45(1), 1019–1037. <https://doi.org/10.1093/nar/gkx319>
- P2 GR Lewin, C Carlos, **MG Chevrette**, HA Horn, BR McDonald, RJ Stankey, BG Fox, CR Currie. (2016). “Ecology and Evolution of Actinobacteria and their Bioenergy Applications.” **Annual Review of Microbiology**. 70: 235–254. <https://doi.org/10.1146/annurev-micro-102215-095748>
- P1 SS Johnson, **MG Chevrette**, BL Ehlmann, KC Benison. (2015). “Insights from the Metagenome of an Acid Salt Lake: the Role of Biology in an Extreme Depositional Environment.” **PLOS ONE**. 2015 Apr; 10(4):e0122869. <https://doi.org/10.1371/journal.pone.0122869>

## Editorial Review Only

- E5 **MG Chevrette**. (2018). “Natural Products Reawakened: New Trends in Discovery and Development.” **SIMB News Magazine**, Society for Industrial Microbiology and Biotechnology, In press.
- E4 DR Braun, **MG Chevrette**, D Acharya, CR Currie, SR Rajsiki, TS Bugni. (2018). “Draft Genome of *Micromonospora* sp. WMMA1996, a Marine Sponge-associated Bacterium.” **Genome Announcements**, 6(8), e00077-18.
- E3 DR Braun, **MG Chevrette**, D Acharya, CR Currie, SR Rajsiki, K Ritchie, TS Bugni. (2018). “Complete Genome of *Dietzia* sp. WMMA184, a Marine Coral-associated Bacterium.” **Genome Announcements**, 6(5), e01582-17.
- E2 N Adnani, DR Braun, BR McDonald, **MG Chevrette**, CR Currie, TS Bugni. (2017). “Draft Genome of *Micromonospora* sp. WMMB-235, a Marine Ascidian-associated Bacterium.” **Genome Announcements**, 5(2), 1-2.
- E1 N Adnani, DR Braun, BR McDonald, **MG Chevrette**, CR Currie, TS Bugni. (2016). “Complete Genome Sequence of *Rhodococcus* sp. Strain WMMA185, a Marine Sponge-Associated Bacterium.” **Genome Announcements**, 4(6), 1-2.