# Marc G **Chevrette**

401.269.9173 | chevrm@gmail.com | chevrm.github.io | chevrette | @wildtypeMC | **ORCID:** 0000-0002-7209-0717

## Peer-reviewed Publications (Accepted)

**contributed equally*

P9 **MG Chevrette**, CR Currie. "Emerging evolutionary paradigms in antibiotic discovery." *Journal of Industrial Microbiology & Biotechnology, In press*. DOI: 10.1007/s10295-018-2085-6

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." ***ISME Journal**, In press*.

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 Rajski, 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. DOI: 10.1021/acschembio.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: ji1700877. DOI: 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. DOI: 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. DOI: 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***, 1854(1), 1019–1037. DOI: 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. DOI: 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. DOI: 10.1371/journal.pone.0122869

## Editorial Review Only (Accepted)

E5 **MG Chevrette**. (2018). "Natuaral 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 Rajski, 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 Rajski, 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.