

Wilmes, P., **S.L. Simmons**, V.J. Denef, J.F. Banfield, 2009. The dynamic genetic repertoire of microbial communities. *FEMS Microbiology Reviews*, 33(1): 109-132.

Dick, G.J., A.F. Andersson, B. Baker, **S.L. Simmons**, B.C. Thomas, A.P. Yelton, J.F. Banfield, 2009. Community-wide analysis of microbial genome sequence signatures. *Genome Biology*, 10:R85.

Simmons, S.L., G. DiBartolo, V.J. Denef, D.S.A. Goltsman, M.P. Thelen, J.F. Banfield, 2008. Population genomic analysis of strain variation in *Leptospirillum* group II bacteria involved in acid mine drainage formation. *PLoS Biology*, 6(7): e177.

Simmons, S.L., D.A. Bazylinski, and K.J. Edwards, 2007. Population dynamics of marine magnetotactic bacteria in a meromictic coastal pond measured with qPCR. *Environmental Microbiology*, 9(9): 2162-2174.

Simmons, S.L. and K.J. Edwards, 2007. Unexpected diversity in populations of the many-celled magnetotactic prokaryote. *Environmental Microbiology*, 9(1): 206-215.

Simmons, S.L. and K.J. Edwards, 2007. Geobiology of magnetotactic bacteria, pages 77-102 in: *Magnetoreception and Magnetosomes in Bacteria*, D. Schüler, ed. Springer-Verlag, Berlin.

Simmons, S. L., D. A. Bazylinski, and K. J. Edwards, 2006. South-seeking magnetotactic bacteria in the Northern Hemisphere. *Science*, 311:371-374.

Simmons, S.L., S.M. Sievert, R.B. Frankel, D.A. Bazylinski, K.J. Edwards, 2004. Spatio-temporal distribution of marine magnetotactic bacteria in a coastal salt pond. *Applied and Environmental Microbiology*, 70(10): 6230-6239.