

LIFETIME

PUBLICATIONS: (i)

Peer-Reviewed:

(c) Published Journal Articles:

Cowie B.R., Slater, G.F. **Bernier L.**, Warren L. 2009. Carbon isotope fractionation in phospholipid fatty acid biomarkers of bacteria and fungi native to an acid mine drainage lake. *Organic Geochemistry* 40: 956-962

Warren, L.A., Norlund, K.L.I, and **Bernier, L.** 2008. Microbial thiosulphate reaction arrays: the interactive roles of Fe(III), O₂ and microbial strain on disproportionation and oxidation pathways. *Geobiology* 6: 461–470

Bernier, L., and Warren, L.A. 2007. Geochemical diversity in S processes mediated by culture-adapted and environmental-enrichments of *Acidithiobacillus* spp. *Geochimica et Cosmochimica Acta* 71: 5684-5697

Bernier, L., and L.A. Warren. 2005. Microbially driven acidity generation in a tailings lake. *Geobiology* 3: 115-133.

Bernier, L., and L.A. Warren. 2003. Seasonal Geochemical Dynamics within an acid impacted tailings lake. Sudbury 2003–Mining and the Environment. Proceedings of the 28th Annual Meeting of the Canadian Land Reclamation Association, May 2003, Sudbury, Ontario. [CD-ROM]. Center for Environmental Monitoring, Laurentian University, Sudbury, Ontario.

Mouland, A. J., J. Mercier, M. Luo, L. **Bernier, L.** DesGroseillers, and E. A. Cohen. 2000. The double-stranded RNA-binding protein, Staufen, is incorporated in Human Immunodeficiency Virus Type 1 (HIV-1): evidence for a role in genomic RNA encapsidation. *Journal of Virology* 74: 5441-5451

Bisaillon, M., S. Sénéchal, **L. Bernier**, G. Lemay. 1999. A glycosyl hydrolase activity of mammalian reovirus sigma1 protein can contribute to viral infection through a mucus layer. *Journal of Molecular Biology* 286: 759-773

Murphy, D. G., B. Willems, J. Vincelette, **L. Bernier**, J. Côté, and G. Delage. 1996. Biological and clinicopathological features associated with hepatitis C virus type 5 infections. *Journal of Hepatology* 24: 109-113

Bernier, L., B. Willems, G. Delage, and D. G. Murphy. 1996. Identification of numerous hepatitis C virus genotypes in Montreal, Canada. *Journal of Clinical Microbiology* 34: 2815-2818