

## Publications

1. Close D., T. Xu, S. Ripp, and G. Sayler. Real-time bioluminescent tracking of cellular population dynamics, *Methods in Molecular Biology*. Humana Press, in press.
2. Xu T., D. Close, J. Webb, S. Ripp, and G. Sayler. Autonomously bioluminescent mammalian cells for continuous and real-time monitoring of cytotoxicity. *J. Visual. Exp.*, in press.
3. Xu T., D.M. Close, G.S. Sayler, and S. Ripp. 2013. Genetically modified whole-cell bioreporters for environmental assessment. *Ecol. Indic.* 28:125-141.
4. Close D., S. Ripp, S. Patterson, and G. Sayler. 2012. The use of autonomously bioluminescent human cell lines for detection of bacterial contamination. *Luminescence* 27:110-111.
5. Close D., T. Xu, A. Smartt, S. Price, S. Ripp, and G. Sayler. 2012. Expression of non-native genes in a surrogate host organism, p. 3-34. *In Barrera-Saldana HA (ed.), Genetic Engineering - Basics, New Applications and Responsibilities*. Intech Publishers, Rijeka, Croatia.
6. Close D., T. Xu, A. Smartt, A. Rogers, R. Crossley, S. Price, S. Ripp, and G. Sayler. 2012. The evolution of the bacterial luciferase gene cassette (*lux*) as a real-time bioreporter. *Sensors* 12:732-752.
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12. Trogl J., A. Chauhan, S. Ripp, A.C. Layton, G. Kuncova, and G.S. Sayler. 2012. *Pseudomonas fluorescens* HK44: Lessons learned from a model whole-cell bioreporter with a broad application history. *Sensors* 12:1544-1571.
13. Chauhan A., A.C. Layton, D.E. Williams, A.E. Smartt, S. Ripp, T.V. Karpinets, S.D. Brown, and G.S. Sayler. 2011. Draft genome sequence of the polycyclic aromatic hydrocarbon-degrading, genetically engineered bioluminescent bioreporter *Pseudomonas fluorescens* HK44. *J. Bacteriol.* 193:5009-5010.
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