

Xie Publications:

Xie, L. and P. L. Klerks. 2003. Responses to selection for cadmium resistance in the least killifish *Heterandria formosa*. *Environ Toxicol Chem* 22:313-320.

Xie, L. and P. L. Klerks. 2004. Changes in cadmium accumulation as a mechanism for cadmium resistance in the least killifish *Heterandria formosa*. *Aquat Toxicol* 66:73-81.

Xie, L. and P. L. Klerks. 2004. Fitness costs in cadmium-adapted least killifish *Heterandria formosa*. *Environ Toxicol Chem* 23 :173–177.

Xie, L. and P. L. Klerks. 2004. Metallothionein-like protein in the least killifish *Heterandria formosa* and its role in cadmium resistance. *Environ Toxicol Chem* 23: 1499-1503.

Xie, L., Y. Sapozhnikova, O. Bawardi, and D. Schlenk. 2005. Evaluation of wetland and tertiary treatment on the estrogenicity of wastewater using in vivo and in vitro assays. *Arch Environ Contam Toxicol* 48:82-87.

Xie, L., K. Thrippleton, MA. Irwin, GS. Seimering, D. Crane, K. Berry, and D. Schlenk. 2005. Evaluation of estrogenic activities of aquatic herbicides and surfactants using a rainbow trout vitellogenin assay. *Toxicol Sci* 81: 391-398.

Schlenk, D., Y. Sapozhnikova, M. Irwin, L. Xie, W. Hwang, S. Reddy, B. J. Brownawell, J. Armstrong, M. Kelly, D. E. Montagne, E. P. Kolodziej, D. Sedlak, and S. Snyder. 2005. In vivo bioassay guided fractionation of marine sediment extracts from the Southern California Bight for estrogenic activity. *Environ Toxicol Chem* 24:2820-2826.

Xie, L., D. Lambert, C. Martin, D. Cain, S. Luoma, and D. Buchwalter. Cadmium biodynamics in the oligochaete *Lumbriculus variegatus* and its implications for trophic transfer. Submitted to *Aquatic Toxicology*.