

Dr. Warren Heideman

School of Pharmacy
University of Wisconsin-Madison
777 Highland Avenue
Madison, WI 53705-1515

Telephone: 608-262-1795
FAX: 608-262-5345

E-mail: wxheideman@pharmacy.wisc.edu

PEER REVIEWED PUBLICATIONS

1. TL Laabs, DD Markwardt, LL Newcomb, D Stillman, and W Heideman. *ACE2* is required for daughter cell-specific G1 delay in *Saccharomyces cerevisiae*. (submitted to PNAS).
2. LL Newcomb, JA Diderich, MG Slattery, and W Heideman. Glucose regulation of *S. cerevisiae* cell cycle genes. *Eukaryotic Cell* 2:143-149 (2003).
3. EA Andreasen, RL Tanguay, RE Peterson, and W Heideman. Identification of a critical amino acid in the aryl hydrocarbon receptor. *J Biol Chem* 277:13210-13218 (2002).
4. EA Andreasen, ME Hahn, RE Peterson, W Heideman, and RL Tanguay. The zebrafish (*Danio rerio*) aryl hydrocarbon receptor type 1 (zfAHR1) is a novel vertebrate receptor. *Mol Pharmacol* 62:234-249 (2002).
5. EA Andreasen, JM Spitsbergen, RL Tanguay, W Heideman, JJ Stegeman, and RE Peterson. Tissue-specific expression of AHR2, ARNT2, and CYP1A in zebrafish embryos and larvae: Effects of developmental stage and 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure. *Toxicol Sci* 68:403-419 (2002).
6. LL Newcomb, DD Hall, and W Heideman. *AZF1* is a glucose dependent positive regulator of *CLN3* transcription in *Saccharomyces cerevisiae*. *Mol Cell Biol* 22:1607-1614 (2002).
7. CD Belair, RE Peterson, and W Heideman. Dioxin as a tool to study development: Disruption of erythropoiesis in the zebrafish. *Dev Dyn* 222:581-594 (2001).
8. TR Henry, DJ Nesbit, W Heideman, and RE Peterson. Relative potencies of polychlorinated dibenzo-p-dioxin, dibenzofuran, and biphenyl congeners to induce cytochrome P4501A mRNA in a zebrafish liver cell line. *Environ Toxicol Chem* 20:1053-1058 (2001).

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13. CC Abnet, RL Tanguay, ME Hahn, W Heideman, and RE Peterson. Two forms of aryl hydrocarbon receptor in rainbow trout (*Oncorhynchus mykiss*): Evidence for differential expression and enhancer specificity. *J Biol Chem* 274:15159-15166 (1999).
14. RL Tanguay, CC Abnet, W Heideman, and RE Peterson. Cloning and characterization of the zebrafish (*Danio rerio*) aryl hydrocarbon receptor. *Arch Biochem Biophys* 1444:35-48 (1999).
15. F Parviz, DD Hall, DD Markwardt, and W Heideman. Transcriptional regulation of CLN3 expression by glucose in *Saccharomyces cerevisiae*. *J Bact* 180:4508-4515 (1998).
16. DD Hall, DD Markwardt, F Parviz, and W Heideman. Regulation of the Cln3/Cdc28 kinase by cAMP. *Saccharomyces cerevisiae*. *EMBO Journal* 17:4370-4378 (1998).
17. F Parviz and W Heideman. Regulation of CLN3 mRNA levels by nutrients in *Saccharomyces cerevisiae*. *J Bact* 180:225-230 (1998).
18. RE Peterson, RL Tanguay, CC Abnet, MW Hornung, EW Zabel, EA Andreasen, TR Henry, PD Guiney, MK Walker, CD Belair, W Heideman, RS Pollenz, JM Spitsbergen, and PM Cook. Fish as vertebrate models of dioxin toxicity. *Organohalogen Compounds* 38:279-282, 1998.
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