

## **Peer Reviewed Publication List**

Reichard, John F; Haber, Lynne T 2016. Mode-of-action evaluation for the effect of trans fatty acids on low-density lipoprotein cholesterol. *Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association*, 98 Pt B, 282-294

Reichard, John F; Maier, M Andrew; Naumann, Bruce D; Pecquet, Alison M; Pfister, Thomas; Sandhu, Reena; Sargent, Edward V; Streeter, Anthony J; Weideman, Patricia A 2016. Toxicokinetic and toxicodynamic considerations when deriving health-based exposure limits for pharmaceuticals. *Regulatory toxicology and pharmacology : RTP*, 79 Suppl 1 , S67-78

Budinsky, R A; Schrenk, D; Simon, T; Van den Berg, M; Reichard, J F; Silkworth, J B; Aylward, L L; Brix, A; Gasiewicz, T; Kaminski, N; Perdew, G; Starr, T B; Walker, N J; Rowlands, J C 2014. Mode of action and dose-response framework analysis for receptor-mediated toxicity: The aryl hydrocarbon receptor as a case study. *Critical reviews in toxicology*, 44 1, 83-119

Dourson, Michael; Reichard, John; Nance, Patricia; Burleigh-Flayer, Heather; Parker, Ann; Vincent, Melissa; McConnell, Ernest E 2014. Mode of action analysis for liver tumors from oral 1,4-dioxane exposures and evidence-based dose response assessment. *Regulatory toxicology and pharmacology : RTP*, 68 3, 387-401

Chen, Jing; Hu, Zhen; Phatak, Mukta; Reichard, John; Freudenberg, Johannes M; Sivaganesan, Siva; Medvedovic, Mario 2013. Genome-wide signatures of transcription factor activity: connecting transcription factors, disease, and small molecules. *PLoS computational biology*, 9 9, e1003198

Muñoz-García, Agustí; Ro, Jennifer; Reichard, Jonathan D; Kunz, Thomas H; Williams, Joseph B 2012. Cutaneous water loss and lipids of the stratum corneum in two syntopic species of bats. *Comparative biochemistry and physiology. Part A, Molecular & integrative physiology*, 161 2, 208-15

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Reichard, John F; Puga, Alvaro 2010. Effects of arsenic exposure on DNA methylation and epigenetic gene regulation. *Epigenomics*, 2 1, 87-104

Reichard, Jonathan D; Prajapati, Suresh I; Austad, Steven N; Keller, Charles; Kunz, Thomas H 2010. Thermal windows on Brazilian free-tailed bats facilitate thermoregulation during prolonged flight. *Integrative and comparative biology*, 50 3, 358-70

Sartor, Maureen A; Schnekenburger, Michael; Marlowe, Jennifer L; Reichard, John F; Wang, Ying; Fan, Yunxia; Ma, Ci; Karyala, Saikumar; Halbleib, Danielle; Liu, Xiangdong; Medvedovic, Mario; Puga, Alvaro 2009. Genomewide analysis of aryl hydrocarbon receptor binding targets reveals an extensive array of gene clusters that control morphogenetic and developmental programs. *Environmental health perspectives*, 117 7, 1139-46

Reichard, John F; Sartor, Maureen A; Puga, Alvaro 2008. BACH1 is a specific repressor of HMOX1 that is inactivated by arsenite. *The Journal of biological chemistry*, 283 33, 22363-70

Reichard, John F; Motz, Gregory T; Puga, Alvaro 2007. Heme oxygenase-1 induction by NRF2 requires inactivation of the transcriptional repressor BACH1. *Nucleic acids research*, 35 21, 7074-86

Reichard, John F; Schnekenburger, Michael; Puga, Alvaro 2007. Long term low-dose arsenic exposure induces loss of DNA methylation. *Biochemical and biophysical research communications*, 352 1, 188-92

Reichard, John F; Petersen, Dennis R 2006. Involvement of phosphatidylinositol 3-kinase and extracellular-regulated kinase in hepatic stellate cell antioxidant response and myofibroblastic transdifferentiation. *Archives of biochemistry and biophysics*, 446 2, 111-8

Kann, Simone; Estes, Cameron; Reichard, John F; Huang, Ming-Ya; Sartor, Maureen A; Schwemberger, Sandy; Chen, Ying; Dalton, Timothy P; Shertzer, Howard G; Xia, Ying; Puga, Alvaro 2005. Butylhydroquinone protects cells genetically deficient in glutathione biosynthesis from arsenite-induced apoptosis without significantly changing their prooxidant status. *Toxicological sciences : an official journal of the Society of Toxicology*, 87 2, 365-84

Kann, Simone; Huang, Ming-Ya; Estes, Cameron; Reichard, John F; Sartor, Maureen A; Xia, Ying; Puga, Alvaro 2005. Arsenite-induced aryl hydrocarbon receptor nuclear translocation results in additive induction of phase I genes and synergistic induction of phase II genes. *Molecular pharmacology*, 68 2, 336-46

Reichard, John F; Dalton, Timothy P; Shertzer, Howard G; Puga, Alvaro 2005. Induction of oxidative stress responses by dioxin and other ligands of the aryl hydrocarbon receptor. *Dose-response : a publication of International Hormesis Society*, 3 3, 306-31

Reichard, John F; Petersen, Dennis R 2004. Hepatic stellate cells lack AP-1 responsiveness to electrophiles and phorbol 12-myristate-13-acetate. *Biochemical and biophysical research communications*, 322 3, 842-53

Reichard, John F; Doorn, Jonathan A; Simon, Franz; Taylor, Melinda S; Petersen, Dennis R 2003. Characterization of multidrug resistance-associated protein 2 in the hepatocellular disposition of 4-hydroxynonenal. *Archives of biochemistry and biophysics*, 411 2, 243-50

Reichard, J F; Vasiliou, V; Petersen, D R 2000. Characterization of 4-hydroxy-2-nonenal metabolism in stellate cell lines derived from normal and cirrhotic rat liver. *Biochimica et biophysica acta*, 1487 2-3, 222-32

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