

Peer-Reviewed Publications by TSU MARC students from 2013-2016:

Al-Masum, M., **Quinones, L., Cain, L.** 2016. Microwave Application and Anhydrous Cu(OAc)<sub>2</sub> Mediated O-Arylation of Aliphatic Amine Alcohols. *Int. J. Org. Chem.* 6:100-106.

Cato, A, Celada. L, **Kibakaya, EC**, Simmons, N, Whalen, MM. 2015. Brominated Flame Retardants, Tetrabromobisphenol A and Hexabromocyclododecane activate mitogen-activated protein kinases (MAPKs) in human natural killer cells. *Cell Biology and Toxicology* 30:559-571

Amara, S., **Lopez, K.**, Brown, S-K, Whalen, M., Myles, E.L., Ivy, M.T., Johnson, T., Schey, K.L. Richmond, A. Tiriveedhi, V. 2015. Synergistic effect of pro-inflammatory TNF $\alpha$  and IL-17 in periostin mediated collagen deposition: Potential role in liver fibrosis. *Molecular Immunology* 64:26-35

Lawrence, S, **Reid, J\***, Whalen, MM. 2015. Secretion of interferon gamma (IFN $\gamma$ ) from human immune cells is altered by exposure to tributyltin (TBT) and dibutyltin (DBT). *Environmental Toxicology* 30:559-571 PMID: PMC4065226

**Platt, D.**, Amara, S. , Mehta, T. , Vercuyssee, K. , Myles, E.L. , Johnson, T. Tiriveedhi, V. 2014. Violacein inhibits matrix metalloproteinase mediated CXCR4 expression: Potential anti-tumor effect in cancer invasion and metastasis. *Biochem. Biophys. Res. Comm.* 455:107-112 PMID:PMC4293260

Al-Masum M, **Welch RL.** 2014. Catalyst free, base free microwave irradiated synthesis of aryl nitrites from potassium aryltrifluoroborates and bismuth nitrate. *Tetrahedron Lett.* 2014 Mar 5;55(10):1726-1728. PMID: PMC4165087.

Hurd-Brown, T. **Udoji, F.**, Martin, T., Whalen, M.M. 2013. Effects of DDT and Triclosan on Tumor-cell Binding Capacity and Cell-Surface Protein Expression of Human Natural Killer Cells. *Journal of Appl. Toxicol.*, 33:495-502 PMID: PMC3459142

Al-Masum, M., Saleh, N., **Islam, T.** 2013. A novel route to organonitrites by Pd-catalyzed cross-coupling of Sodium nitrite and potassium organotrifluoroborates. *Tetrahedron Letters* 54: 1141-1144.

Chen, C-K, Bruce, M., **Tyler L**, Brown, C., Garrett, A., Goggins, S., Lewis-Polite, B., Weriwoh, M.L., Juarez, P.D., Hood, D.B., Skelton, T. 2013. Analysis of an Environmental exposure health questionnaire in a metropolitan minority population utilizing logistic regression and support vector machines. *Periodicals Supplement to Journal of Health Care for the Poor and Underserved* 24:153-171.

Xue, S.Y., Hebert, V.Y., **Hayes, D.M.**, Robinson, C.N., Glover, M., Dugas, T.R. 2013. Nucleoside Reverse Transcriptase Inhibitors Induce A Mitophagy-Associated Endothelial Dysfunction That Is Reversed By Coenzyme Q10 Cotreatment . *Toxicol. Sci.* 134:323-34 PMID:PMC3842105