

Research Articles:

Freund D, **Martin AC**, Cohen JD, Hegeman AD. Direct detection of surface localized specialized metabolites from *Glycyrrhiza lepidota* (American licorice) by leaf spray mass spectrometry. *Planta*. **2018**, 247:267-275.

Moore MJ, Ostry ME, Hegeman AD, **Martin AC**. Inhibition of *Ophiognomonia clavignenti juglandacearum* by *Juglans* species bark extracts. *Plant Disease*. **2015**, 99:401-408.

Martin AC, Johnston E, Chengguo X, Hegeman, AD. Measuring the chemical and cytotoxic variability of commercially available kava. *PLOS ONE*. **2014**, 9:e111572.

Martin AC, Pawlus AD, Jewett EM, Wyse DL, Angerhofer CK, Hegeman AD. Evaluating solvent extraction systems using metabolomics approaches. *RCS Advances*. **2014**, 4:26325-26334.

Gillitzer P, **Martin AC**, Kantar M, Kauppi KL, Dahlberg S, Lis, D, Kurle J, Wyse D. Optimization of screening of native and naturalized plants from Minnesota for antimicrobial activity. *Journal of Medicinal Plant Research*. **2012**, 6: 938-949.

Reports:

Martin AC, Pawlus AD, Hegeman AD, Wyse DL, Developing economically valuable natural products from native perennial Minnesota plants, *Developing high-efficiency agriculture for farmers, rural communities and the state of Minnesota: A forever green agriculture initiative report*, **2013**, 12-14, http://www.cinram.umn.edu/sites/cinram.umn.edu/files/forever_green_02-4-2015.pdf.

Hellberg R, Kuldamrong W, Burns A, Cuthbert R, Da Silva V, Gui K, Lalpuria M, **Martin AC**, Montero C, Ritchie L, Shiratori S, Steed L, Zhao J. Student Voice Report. *NABC Report: Promoting health by linking agriculture, food, and nutrition*, **2010**, 22: 243-244.

Published Abstracts:

Freund DM, **Martin AC**, Cohen, JD, Hegeman, AD. Direct tissue spray ionization of living plants by mass spectrometry for metabolomics analysis. *J Am Soc Mass Spectrom*, **2014** (conference proceedings poster abstract).

Xing C, Leitzman P, **Martin AC**, Hegeman AD, O'Sullivan MG, Benneyworth MA, Thomas M, Zhou B, Shaik A, Yu X, Kingston RL, Johnston E. Kava – Its resurgence, quality control, anxiolytic activity, and hepatotoxic risk, a natural medicine with future promise and challenges. *Planta Medica: Congress Abstract*. **2013**. 79-P97, DOI: 10.1055/s-0033-1336539.

Martin AC, Pawlus AD, Jewett, Brockman S, Wyse DL, Hegeman AD. Optimized plant extractions for phytochemical library construction: Evaluating solvent systems using metabolomics methods. *J Am Soc Mass Spectrom*, **2013** (conference proceedings poster abstract).

Martin AC, Roe MR, Hegeman AD. Evaluation of MS instrumentation and feature detection software for metabolic fingerprinting of plant extracts. *J Am Soc Mass Spectrom*, **2013** (conference proceedings poster abstract).