**Name：Xiao Liang**

Graduate student

Department of Medicinal Chemistry, College of Pharmacy

University of Florida

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**EDUCATION**

**Unversity of Florida, Gainesville, FL** 08/2014-Now

Graduate student, Department of Medicinal Chemistry, College of Pharmacy

GPA: 3.96/4.00

**Nankai University, Tianjin, P. R China** 09/2009-06/2013

B.S. in Chemistry

GPA: 3.78/4.00

**RESEAECH EXPERIENCE**

**Drug discovery from marine species and total synthesis of natural product and analogs**

* Natural product isolation and purification for potential drug discovery
* Sythetic design and development of natural product derivatives

**WORK EXPERIENCE**

Teaching Assistant of Department of Medicinal Chemistry, University of Florida

**RESEARCH PRESENTATIONS**

**Poster presentation:**

* Liang, X.; Ma, J.; Carney, T J.; Luesch, H.\* “In Vitro and in Vivo Screening Approaches for the Discovery of Bioactive Marine Natural Products.”, Center for Natural Products, Drug Discovery and Development (CNPD3) Symposium, Gainesville, FL, April 29, 2016.
* Liang, X.; Ma, J.; Carney, T J.; Paul, V J.; Luesch, H.\*. "Screening for Bioactive Marine Natural Products Using Complementary Cellular and Zebrafish Models. " 30th College of Pharmacy Research Showcase, University of Florida, Gainesville, FL, February 17, 2017.
* Liang, X.; Matthews, J H.; Paul, V J.; Luesch, H.\*. “Inhibition of Nrf2-Mediated Defense Mechanism to Overcome Drug Resistance and Increase Efficacy in Chemotherapy.”, American Society of Pharmacognosy – Annual Meeting 2017, Portland, OR, July 29, 2017.
* Liang, X.; Matthews, J H.; Paul, V J.; Luesch, H.\*. “Inhibition of Deregulated Nrf2-Mediated Defense Mechanism in Cancer by Natural Products from Marine Cyanobacteria.”, Center for Natural Products, Drug Discovery and Development (CNPD3) Symposium, Gainesville, FL, September 21, 2017

**Oral presentation:**

* Liang, X.; Luesch, H.\* “Marine Natural Products Research: Isolation and Synthesis”, Florida-Bali Symposium on Marine Biological and Chemical Diversity, Gainesville, FL, February 3, 2016.

**HORNORS AND AWARDS**

Grinter Funding Scholar, Unversity of Florida 2014-Now

National Encouragement Scholarship (top5%), Nankai University 2012,2010

Second Prize Scholarship (top 10%), Nankai University 2011

Merit Student of Excellent Performance (top5%), Nankai University 2010

**PUBLICATIONS**

1. Liang, X., Khaybullin, R., Fu, J., Goncalves, K., Xia, A., & Qi, X. “Genetic Code Expansion using Aminoacylated Orthogonal tRNAs in Conjunction with Aminoacyl Sulfamides.” *International Journal of Recent Technology and Engineering* 3, 6 (2015): 78-82.
2. Khaybullin, R. N., Liang, X, & Qi, X “(*S*)-*N*-(*N*-(((2*R*,3*S*,4*R*,5*R*)-5-(6-Amino-9*H*-purin-9-yl)-3,4-dihydroxytetrahydrofuran-2-yl)methyl)sulfamoyl)-5-oxopyrrolidine-2-carboxamide”, *Molebank*, 2015, M864.
3. Fu, J., Khaybullin, R., Liang, X., Morin, M., Xia, A., Yeh, A., & Qi, X. (2015). Discovery of gene regulation pattern in lung cancer by gene expression profiling using human tissues. *Genomics data*, 3, 112-115.
4. Khaybullin, R. N., Zhang, M., Fu, J., Liang, X., Li, T., Katritzky, A. R., Okunieff, P., & Qi, X. (2014). Design and Synthesis of Isosteviol Triazole Conjugates for Cancer Therapy. *Molecules*, *19*(11), 18676-18689.