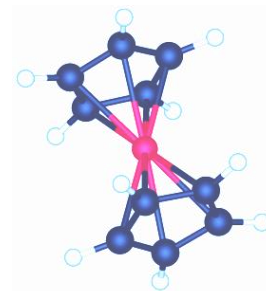


BIOGRAPHICAL SKETCH

Ambar M. Alsina Sánchez

Current Status : PhD candidate in Chemistry

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EDUCATION

2017 - Present	University of Puerto Rico at Rio Piedras PhD candidate in Chemistry	San Juan, PR
2017	University of Puerto Rico at Rio Piedras B.S. in Chemistry	San Juan, PR

RESEARCH EXPERIENCE

May 2017- present San Juan, PR	Evaluation of novel ferrocenyl chalcone – phthalocyanine conjugates as phototherapeutic agents Mentor: Ingrid Montes, Ph.D. University of Puerto Rico at Rio Piedras
June 2015- May 2017 San Juan, PR	Ferrocenyl Chalcones based scaffolds containing heterocyclic moieties as potential antimalarial agents Mentor: Ingrid Montes, Ph.D., Sara Delgado, M.S University of Puerto Rico at Rio Piedras
May 2015- Aug 2015 Chicago, IL	Identification of substrate-enzyme or inhibitor-enzyme interactions by solving the crystal structure of <i>staphylococcus aureus</i> dihydroorotase Mentor: Bernard Santarsiero, PhD University of Illinois at Chicago

HONOURS AND AWARDS

- RISE UPRRP fellow **2019**
- Second Place in the ACS Tampa Bay Local Section Poster Competition **Apr 2017**
- Annual Biomedical Research Conference for Minority Students (ABRCMS) poster presentation awardee in chemistry **Nov 2016**
- Maximizing Access to Research Careers (MARC) Scholar **Jun 2015-2017**

PUBLICATIONS

- Montes-González, I.; Alsina-Sánchez, A. M.; Aponte-Santini, J. C.; Delgado-Rivera, S. M.; Durán-Camacho, G. L. *Pure and Applied Chemistry* **2019**, 91(4), 653–669.

PRESENTATIONS

- **Synthesis and Characterization of Heterocyclic Ferrocenyl Chalcones and their Potential Biological Applications**
Castle Conference at University of South Florida
April 25, 2017

- **Synthesis and Characterization of Heterocyclic Ferrocenyl Chalcones and their Potential Biological Applications**
ABRCMS 2016
Nov 10, 2016
- **Ferrocenyl Chalcones based scaffolds containing heterocyclic moieties as potential antimalarial agents**
Fifth Lilly Academy Technical Forum
May 6, 2016
- **Ferrocenyl Chalcones based scaffolds containing heterocyclic moieties as potential antimalarial agents**
251st National Meeting & Exposition San Diego
March 13-17 2016
- **Synthesis of Ferrocenyl Chalcones containing heterocyclic moieties as potential antimalarial agents**
Junior Technical Meeting and the Puerto Rico Interdisciplinary Scientific Meeting (JTM/PRISM)
March 5, 2016
- **Identification of substrate-enzyme or inhibitor-enzyme interactions by solving the crystal structure of *staphylococcus aureus* dihydroorotase**
Marc Conference
- **Identification of substrate-enzyme or inhibitor-enzyme interactions by solving the crystal structure of *staphylococcus aureus* dihydroorotase**
ABRCMS 2015
November 11-14 2015

EXTRACURRICULAR

2017- 2019 Teachers Assistant to Organic Chemistry Majors course

San Juan, PR
QUIM-3451/QUIM3452

2017- 2018 Pre-Marc Tutor for General Chemistry

San Juan, PR
QUIM-3073

Aug 2014- 2015 Member of the American Chemistry Society (ACS)

San Juan, PR
Member of the directive
Magic Show coordinator