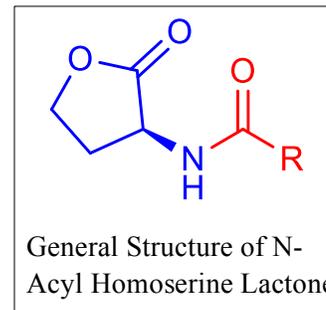


Biographical Sketch

René J. García Del Valle

Current Status

Undergraduate Student
Department of Chemistry
University of Puerto Rico, Río Piedras Campus



Email: rene.garcia3@upr.edu

Education

B.S. Chemistry
University of Puerto Rico, Río Piedras Campus

Expected May 2022

Research Interest

My research focuses on the synthesis and characterization of small molecules and their biological review. Currently, I am working on the development of a novel series of monounsaturated and methoxylated C₁₀-homoserine lactones for quorum sensing inhibition. My aim after I complete my undergraduate studies is to pursue a Ph.D. in Organic Chemistry.

Research Experience

Undergraduate Assistant	Dr. Néstor M. Carballeira, Ph.D.	2017-present
	<i>University of Puerto Rico, Río Piedras Campus</i>	
Visiting Collaborator	Dr. David Sanabria Ríos, Ph.D.	2018, 2020
	<i>Inter American University of Puerto Rico Metropolitan Campus</i>	
Summer Assistant	Uttam K. Tambar, Ph.D.	2019
	<i>University of Texas Southwestern Medical Center</i>	

Biographical Sketch

PRESENTATIONS

“Synthesis of SOX2 Inhibitor for Targeting Lineage Plasticity in Prostate Cancer”

Poster presented at the Annual Biomedical Research Conference for Minority Students, Anaheim, CA, November 2019

“Synthesis of α -Methoxylated Fatty Acids and their Antibacterial and Anticancer Evaluation”

Talk given at Puerto Rico Louis Strokes Alliance for Minority Participation: Junior Technical Meeting, Mayagüez, PR May 2019

EXTRACURRICULAR

Program to Advance Training in Health and Science (PATHS)	2020-present
Laboratory Mentor & Proctor for Organic Chemistry course	2020-present
Outreach coordinator of the American Chemical Society, Río Piedras Chapter	2018-2019

ACADEMIC HONORS AND SCHOLARSHIPS

Research Initiative for Scientific Enhancement Undergraduate Fellow (RISE)	2018-present
Donald Knauss Scholar	2017-present
Dean’s List of the Faculty of Natural Sciences, UPRRP	2017-present
