

PAOLA E. PEÑA GARCIA

Current Status

Undergraduate Student

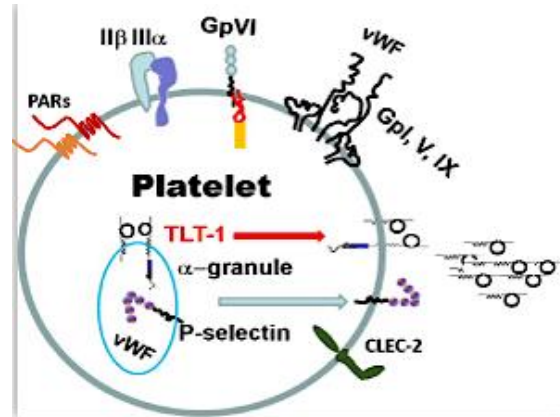
Dept. of Biology, UPR-Rio Piedras

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Education

2015 - present Cellular/Molecular Biology,
University of Puerto Rico,
Río Piedras Campus

2009 High School Diploma,
Escuela Libre de Música



Current Research Interests: My lab focuses on platelets and their role in inflammation, hemostasis and thrombosis. We specifically look at a major platelet receptor called Triggering Receptor Expressed on Myeloid cells (TREM) Like Transcript-1 (TLT-1) and assess its potential as a therapeutic target. My project is dedicated to the creation of the P-selectin/TLT-1 double null mouse to evaluate the possibility of targeting TLT-1 and P-selectin as an alternative treatment for cardiovascular disease that might reduce the risk of thrombosis yet not compromise hemostasis.

Research Experience

2018 – present Research Assistant (mentor, Dr. Washington)

Honors

2015 – present Dean's List

Presentations at Local Meetings

Peña-García, P., Washington, A., The Creation and Initial Characterization of the P-selectin/ Triggering Receptor Expressed on Myeloid cells (TREM) Like Transcript-1 (TLT-1) Double Null Mouse. PR Physiological Society's 8th Annual Meeting: Metabolism and Disease, University of Puerto Rico, Río Piedras Campus, February 15, 2019.

Peña-García, P., Washington, A., The Creation and Initial Characterization of the P-selectin/ Triggering Receptor Expressed on Myeloid cells (TREM) Like Transcript-1 (TLT-1) Double Null Mouse. 38th Puerto Rico Interdisciplinary Scientific Meeting/53rd ACS Junior Technical Meeting (PRISM/JT), University of Puerto Rico, Mayagüez Campus, May 4th, 2019