

Summary of Research Presentations by RISE Students

Reporting Period: September 1, 2014 – August 31, 2015

| Student Name (Year of Entry) | Student Academic Level (Graduate) | Mentor(s) | Student Presentation Title | Scientific Meeting (Dates) |
|-------------------------------------|--------------------------------------|-----------------------|--|---|
| Colón-Rivera, Krystal (2010) | Ph.D. | Loyda Melendez | Gluthatione Reduces Lysosomal Disruption In Infected Macrophages | 21 st Annual Conference of Society of NeuroImmune Pharmacology (SNIP) Apr 22-25, 2015 Miami, FL |
| Santiago Cartagena, Ednalise (2010) | Ph.D. | Jose Rodriguez-Medina | Biochemical Analysis Of Wsc1p And Mid2p Interacting Partners Under Thermal Stress | American Society for Biochemistry and Molecular Biology March 28- April 1,2015 Boston, MA |
| Acevedo Rosario, Jean Marie (2011) | Ph.D. | Manuel Diaz | The Role Of Adenosine Receptors In The Modulatory Effects Of Ethanol On The Mouse Spinal Network Controlling Locomotor Output. | Society for Neuroscience Annual Meeting November 15-19,2014 Washington, DC |
| Cantres Rosario, Yisel (2011) | Ph.D. | Loyda Melendez | Cathepsin B And Serum Amyloid P Component Contribute To HIV-Induced Neuronal Apoptosis | 21 st Annual Conference of Society of NeuroImmune Pharmacology (SNIP) Apr 22-25, 2015 Miami, FL |
| Martínez-Guzmán, Osmarie (2011) | Ph.D. | Miguel Otero | Enhancement Of Immune Response In A DNA Immunization Against Smallpox | 8th Vaccine & ISV Congress October 26-28,2014 Philadelphia, PA |
| Quiñones Laracuente, Kelvin (2011) | Ph.D. | Gregory Quirk | Neural correlates of conditioned fear retrieval in the paraventricular thalamus | Society for Neuroscience Annual Meeting November 15-19,2014 Washington, DC |

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| Torres Martinez, Teresa (2011) | Ph.D. | Iraida Robledo | Pneumoniae St258 Clinical Isolate From Puerto Rico Co-Harboring Kpc-2 And Imp-18 Carbapenemases. | 54th Interscience Conference on Antimicrobial Agents and Chemotherapy September 5-9,2014 Washington, D.C. |
| Colón Lorenzo, Emilee (2012) | Ph.D. | Adelfa Serrano | Virtual Library Screening Of Potential P. berghei GST Inhibitors. | 2014 International Symposium on Minority Health and Health Disparities December 1-3,2014 National Harbor, MD |
| Santos Vera, Bermery (2012) | Ph.D. | Carlos Jimenez | Surface Expression Analysis Of The HCN2 Subunit In Mesocorticolimbic Areas After Cocaine Sensitization | Society for Neuroscience Annual Meeting November 15-19,2014 Washington, DC |
| Borrero Garcia, Luis D. (2013) | Ph.D. | Suranganie Dharmawardhane | The Role of Non-coding RNAs in Breast Cancer Resistance to EGFR | American Society for Biochemistry and Molecular Biology March 28- April 1,2015 Boston, MA |
| Gonzalez Sola, Maryvi (2013) | Ph.D. | Robert Kensler | Encouraging Puertorican High School Students To Study A STEM Career Through An Anatomy & Neurobiology Outreach | American Society for Biochemistry and Molecular Biology March 28- April 1,2015 Boston, MA |
| Martinez Vargas, Marina (2013) | Ph.D. | Carlos Gonzalez | Identification and Characterization of Adenine/ Uridine Rich Element Binding Protein(s) in the post-transcriptional regulation of human Interleukin-3 mRNA | The Twentieth Annual Meeting of the Society: RNA 2015 May 26-31, 2015 Madison, WI |
| Parodi Rullán, Rebecca (2013) | Ph.D. | Sabzali Javadov | Downregulation of SIRT3 Exerts Mitochondrial Dysfunction in Cultured Cardiomyocytes | 21 st Society Free Radical Biology & Medicine's Annual Meeting November 19-23,2014 Seattle, WA |

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| Rohena- Rivera, Krizia (2013) | Ph.D. | Pablo Vivas | CCL4 Modulates The Expression Of Genes Associated With Prostate Cancer Progression | SBUR 2014 Fall Symposium Society for Basic Urologic Research November 12-15, 2014 Dallas, TX |
| Vega- Meléndez, Giam (2013) | Ph.D. | Rosa Blanco | Ultrastructural Changes In The Optic Nerve After Injury And Neurotrophic Factor Treatment | American Society for Biochemistry and Molecular Biology March 28- April 1, 2015 Boston, MA |
| Bravo Rivera, Héctor (2014) | Ph.D. | Gregory Quirk | An Avoidance-Based Model Of Exposure With Response Prevention In Rats | Society for Neuroscience Annual Meeting November 15-19, 2014 Washington, DC |
| Claudio Campos, Karla (2014) | Ph.D. | Jorge Duconge | CYP2C9*8 Prevalence In Puerto Rican Population And Implications In Warfarin Management CYP2C9*8 Distribution In Puerto Ricans And Warfarin | Personal Genomes: Treatments and outcomes Nov 12-15, 2014 Long Island, NY 2014 International Symposium on Minority Health and Health Disparities |
| Colón Mercado, Jennifer (2014) | Ph.D. | Jorge Miranda | Tamoxifen Treatment Promotes Locomotor Recovery, Increases White Matter Spared Tissue And Decreases Reactive Gliosis After Chronic Spinal Cord Injury | Society for Neuroscience Annual Meeting November 15-19, 2014 Washington, DC |
| Ortiz Rosario, Melissa (2014) | Ph.D. | Abel Baerga | Tamoxifen Improves Locomotor Recovery After Moderate Spinal Cord Injury: Assessing The Therapeutic Window Available In Female Rats Effect of Culture Supplementation on the Production of Polyunsaturated Fatty Acids in Escherichia coli | 21 st Annual Kentucky Spinal Cord & Head Injury Research Trust Symposium May 20-21, 2015 Louisville, KY American Society for Microbiology May 30-June 2, 2015 New Orleans, LA |

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| Ruiz Jimenez, Caleb (2014) | Ph.D. | Ana Espino | F. Hepatica 12 Kda Fabp Protein Exhibits A Wide Suppressive Effect On The Nf-Kb Activation In Response To Different Bacterial Components From Gram Negative And Gram Positive Bacteria Strains | American Society for Microbiology May 30-June 2, 2015 New Orleans, LA |
| Rullán Lind, Carlos (2014) | Ph.D. | Abel Baerga | Increasing the Production of Microbially Derived Fatty Acids Using Artificially Linked Enzymes Enhancing the production of biodiesel precursors in Escherichia coli using enzymes from deep-sea bacteria | American Society for Microbiology May 30-June 2, 2015 New Orleans, LA 2nd International Symposium on Energy Challenges and Mechanics August 19-21, 2014 Aberdeen, Scotland, UK |
| Rodríguez- Muñoz, Adlín (2015) | Ph.D. | Carlos Torres | Quantification of Mitochondrial DNA lesions in Cultured H9C2 Cardiomyocytes Subjected to Oxidative Stress | American Society for Biochemistry and Molecular Biology March 28- April 1, 2015 Boston, MA |
| Vaquer Alicea, Ana del C (2014) | Ph.D. | Carlos Jimenez | PKC/λ and PKMζ expression in the Ventral Tegmental Area, Nucleus Accumbens, Prefrontal Cortex, and Hippocampus of cocaine sensitized rats | Society for Neuroscience Annual Meeting November 15-19, 2014 Washington, DC |

Instructions: List RISE supported students sequentially by the year of entry and provide the academic level while supported by the program. Provide the mentor that participated in the research project, the title of the presentation and the title of scientific meeting and its dates.