Jose E. Colom Lapetina

Scripps Reasearch Institute 120 Scripps Way Jupiter, FL 33458

• (787) 610 6774 • jcolom-lapetina@scripps.edu

EDUCATION

The Scripps Research Institute, Jupiter, FL August 2020 – Present

Graduate Student – Neuroscience

Northeastern University, Boston, MA September 2012 – May 2017

Bachelor of Science in Behavioral Neuroscience

The Baldwin School of Puerto Rico, Bayamon, PR August 2008 – May 2012

High School Diploma

RESEARCH EXPERIENCE

BROWN UNIVERSITY, Providence, RI

Research Technician September 2018 – Present

The Bath Laboratory

Supervisor: Dr. Kevin Bath

Topics: Effects of early life stress on retrieval of memories made during infancy across development

NORTHEASTERN UNIVERSITY, Boston, MA

Research Technician May 2017 – August 2018

The Laboratory of Neuroanatomy and Behavior

Supervisor: Dr. Rebecca Shansky

Topics: Role of endocannabinoid system in Sexually divergent responding to stress.

Research Assistant May 2016 – April 2017

The Laboratory of Neuroanatomy and Behavior

Supervisor: Dr. Rebecca Shansky

Topics: Genetic, molecular, and neuroanatomical correlates of sexually divergent responses to models of inescapable stress and associative learning

UNIVERSITY OF PUERTO RICO – SCHOOL OF MEDICINE, San Juan, PR

Research Assistant May 2015 – August 2015

The Laboratory of Fear Learning

Supervisor: Dr. Gregory Quirk

Topics: Molecular and cellular underpinnings of circuits governing emotional regulation in rodent models of active avoidance

RESEARCH INTERESTS

Neurobiology of Learning and Memory, Drug Discovery, Developmental Neuropsychobiology, Sex differences, Diagnostic and Therapeutic development for neuropsychiatric conditions, Post-Traumatic Stress Disorder, Substance Abuse Disorder

PEER-REVIEWD PUBLICATIONS

Colom-Lapetina, J., Li A., Pelegrina, TC., and Shansky RM. (2019). "Behavioral Diversity Across Classic Rodent Models Is Sex-Dependent." *Frontiers in behavioral neuroscience vol. 13 45, 6 Mar. 2019*

Colom-Lapetina, J., Begley, S. L., Johnson, M. E., Bean, K. J., Kuwamoto, W. N., & Shansky, R. M. (2017). "Strain-Dependent Sex Differences in a Long-Term Forced Swim Paradigm." *Behavioral Neuroscience, Vol. 131*(5), *October 2017,* 428-436.

CONFERENCE ABSTRACTS AND PRESENTATIONS

Roberto A. Aponte Rivera, Gabriela Manzano Nieves, Angelica Johnsen, **Jose Colom-Lapetina**, Saba N. Baskoylu, Kevin G. Bath (2018) "Effects of early life stress on infantile amnesia and early development." *Society for Neuroscience, San Diego, CA*

TC Pelegrina, **J Colom Lapetina**, M Fanikos, and RM Shansky (2018) "The role of the endocannabinoid system on sexually divergent responses to inescapable stress." *Boston Area Neuroscience Group Fall Symposium, Boston, MA*

Anna Li, **Jose Colom-Lapetina,** Andre Kirunda, Lisa Miller, Rebecca Shansky (2018) "A multifaceted approach for investigating sex-specific behavioral profiles during associative fear learning in rats". *Society for neuroscience, San Diego, CA*

M. Mejdell, A. Li, **Jose Colom-Lapetina**, B. Brown, I. Shurnayte, A. Winter, S. Begley, J. Abettan, R. Shansky (2018) "Sex-specific effects of endocannabinoid action on cued fear conditioning and extinction." *Society for Neuroscience, San Diego, CA*

Rebecca Shansky, Maria Moreno, Andrei Nastase, **Jose Colom-Lapetina**, Anna Li, and Matthew N. Hill (2018) "Endocannabinoid modulation of sex differences in learned fear and extinction." *International Cannabinoid Research Society, Leiden, Netherlands*

Colom-Lapetina, J., Li A., Pelegrina, TC., Kuwamoto WN., Gorman KA., & Shansky RM. (2017). "Active vs. passive coping across paradigms: Sex differences in trait-like behaviors and neural markers." (*Society for Neuroscience, Washington D.C..)*

Colom-Lapetina, J., Li A., Pelegrina, TC., Kuwamoto WN., Gorman KA., & Shansky RM. (2017). "Active vs. passive coping across paradigms: Sex differences in trait-like behaviors and neural markers." (*Boston Area Neuroscience Group Fall Symposium, Boston M.A.)*

AWARDS AND FELLOWSHIPS

Mindlin Foundation Undergraduate Research RFA ($5000) January 2017
David C. Fairchild Endowed Fellowship in the Skaggs Graduate School of Chemical and Biological Sciences 2020 / 2021

TECHNICAL EXPERIENCE AND EXPERTISE

Laboratory:

General care of rat and mouse laboratory subjects; subcutaneous, intraperitoneal, and intravenous injections; behavioral assessment of models for disease states; histology; microscopy; immunohistochemical analysis; western blot analysis; RT-PCR; PCR; general mouse husbandry

procedures; transgenic colony maintenance; stereotaxic surgery for cannula/fiber optic implantation, viral injections, and drug infusion

Software:

Adobe Illustrator, Graphpad Prism, Microsoft Office (Word, Excel, PowerPoint), Any-maze, Ethovision, Olympus cellSens, BZX Imager, ZEISS ZEN, Bio-Rad ImageLab, EndNote, JMol

Languages: Native in English and Spanish, written and spoken

PROFESSIONAL MEMBERSHIP AND LEADERSHIP

Society for Neuroscience Member	2017 – Present
College of Science Student Diversity Advisory Council (COSSDAC) founding member	2016 – 2017
Shansky Lab mentorship of undergraduate students	2016 – 2018
Northeastern Science Magazine (NUSci) contributor	2014 – 2017
Northeastern Undergraduate Researchers of Neuroscience Member	2012 – 2017
Northeastern Psychology Club Member	2012 – 2017