

Oscar Munoz
munoz.oscar.mo@gmail.com

Education

Colorado University Anschutz Medial Campus, Aurora, CO Molecular Biology PhD student	Expected 2027
University of California San Diego, La Jolla, CA Bachelor of Science, Physiology/Neuroscience GPA: 2.8	2021

Honors/Awards

Bolie Resolute Researcher Award	2021
Camino Nuevo Principal's Scholarship	2016-2021
<ul style="list-style-type: none">○ Stipend awarded to high achieving Camino Nuevo High School alumni pursuing bachelor's degrees from 4-year institutions	
Kayne Scholar	2016-2021
<ul style="list-style-type: none">○ Fellowship for low-income first-generation students geared towards professional development and career success within the UC and CSU system	

Presentations

- "The Molecular Mechanism by which TruB1 Regulates Aldosterone Production in Adrenal Cells," Colorado University Anschutz Medical Campus, Aurora , CO. Mar 2022
- "m⁶A Governs Metabolic Response to Circulating Energy," Colorado University Anschutz Medical Campus, Aurora , CO. Dec 2021
- "The Effect of ELAVL1 on mRNA half-life," Cell Stress Society International, San Diego, CA. Nov 2019
- "Translational control of RNA Binding Proteins and its effects on LH synthesis, mRNA stability, Translation, and Reproductive Function in Gonadotropes," University of California San Diego Summer Research Conference, La Jolla, CA. August 2019

Research

RNA Bioscience Initiative, CU Denver Anschutz Medical Campus, Aurora, CO <i>Rotating Student</i> Assist Mukherjee lab in original research on RNA modification dependent molecular adrenal endocrinology	2022
Department of Endocrinology, CU Denver Anschutz Medical Campus, Aurora, CO <i>Rotating Student</i> Assist Reis lab in original reseach on RNA modification dependent metabolism mechanisms	2021
Department of Obstrectics, Gynecology, and Reproductive Sciences, UCSD, La Jolla, CA <i>Undergraduate Researcher</i> Assist Post-Doctoral Research Associates and Professor Mark A Lawson in original research on reproductive molecular neuroendocrinology	2018-2021

UCSD/NIH Basic Methodology Training Laboratory, La Jolla, CA.

2017-2018

Trainee

- Trained in basic biochemical techniques

Publications

- "SAT-177 GLUT1-Mediated Glucose Metabolism Is Necessary for GnRH-Induced Gonadotrope Secretion of LH and Is Increased by Androgen." Dequina Nicholas, PhD, Vashti Knight, Tomohiro Terasaka, MD, PhD, Jeong in Choi, **Oscar Muñoz**, Pamela Mellon, PhD, Mark Lawson, PhD
- "The RNA-Binding Protein ELAVL1 Regulates GnRH Receptor Expression and the Response to GnRH." Tomohiro Terasaka, Taeshin Kim, Hiral Dave, Bhakti Gangapurkar, Dequina A Nicholas, **Oscar Muñoz**, Eri Terasaka, Danmei Li, Mark A Lawson

Employment

Hillhurst Biopharmaceuticals, Sorrento Valley, CA.

2019

Laboratory Technician

Conducted:

- Quality Control
- Manufacturing

University of California San Diego, La Jolla, CA.

2017-2018

Custodial Services Busser

Conducted:

- Dining Center Maintenance

Volunteer Experience

Good Samaritan Hospital, Los Angeles, CA.

2014-2015

Volunteer

- Held aide positions in the billing department, medical records, and procurement.

Skills

- Microsoft Office Suite
- JMP
- SPSS