

Travel Grants

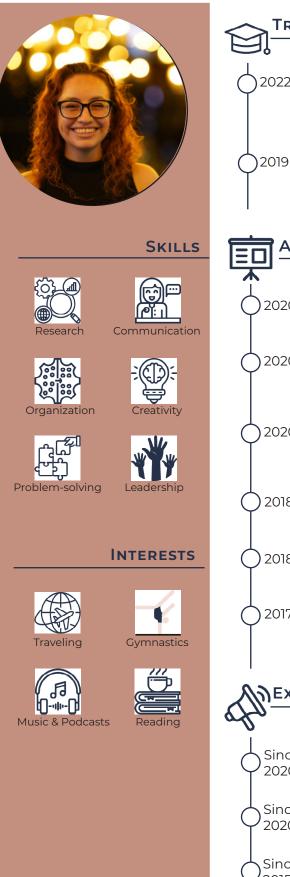
Chemistry

Awards

María Jernanda Veloz Castillo

PHD STUDENT

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	் Researc	CH EXPERIENCE
	2021 to date	The Role of Astrocyte Energy Metabolism in Memory Stability
Сонтаст		King Abdullah University of Science & Technology (Saudi Arabia) and University of Turin (Italy)
Address Building 2, Office 4266-WS06	2018 to 2020	The effect of aging on the spatial distribution of glycogen in Layer I somatosensory cortex of mice King Abdullah University of Science & Technology (Saudi Arabia)
King Abdullah University of Science and Technology	2018	Chemical synapses of the central nervous system
Thuwal, Saudi Arabia		Universidad de las Américas Puebla and CINVESTAV (Mexico)
Email hello@mariferveloz.com	2016 to 2018	Use of magnetic nanoparticles as drug carriers to the brain
Website mariferveloz.com		General Hospital Dr. Manuel Gea González (Mexico)
	2015 to 2018	Development of nano-carriers for brain delivery Universidad de las Américas Puebla (Mexico)
SOCIAL	EDUCAT	ION
Linkedin		
Twitter @mariferveloz_	2021 to date	PhD Bioscience King Abdullah University of Science and Technology Advisor: Prof. Pierre Magistretti Academic Scholarship
@mariferveloz_	2021 to date	PhD Neuroscience University of Turin Advisor: Prof. Corrado Cali
GRANTS & AWARDS Travel Grants American Chemical Society National Meeting August 2018; Boston, USA Atlantic Basin Conference on	2018 to 2020	M.Sc. Bioscience King Abdullah University of Science and Technology Advisor: Prof. Pierre Magistretti Track: Cellular and molecular biology (GPA 3.5/4)
Chemistry January 2018; Cancun, Mexico American Chemical Society National Meeting August 2017; Washington DC, USA Awards	2013 to 2018	B.Sc. Nanotechnology and Molecular Engineering Universidad de las Américas Puebla Advisor: Prof. Miguel Ángel Méndez Rojas Academic Excellence Scholarship (GPA 9.4/10) Undergraduate Student Researcher
Outstanding Student Chapter Best American Chemical Society student chapter for three consecutive academic years (2015 – 2018)	2013 to 2018	B.Sc.Chemistry Universidad de las Américas Puebla Advisor: Prof. Miguel Ángel Méndez Rojas Academic Excellence Scholarship (GPA 9.3/10) Undergraduate Student Researcher



TRAININGS & CERTIFICATIONS

2022 Bioenergetics for Brain Function

Cajal Advanced Neuroscience Training at Bordeaux School of Neuroscience

Theoretical and practical course addressing the different ways in which energy metabolism participates in high-order brain functions

Bio-metholodogy of the Laboratory Mice Charles River Laboratories

Theoretical and practical course covering methods of safe and humane handling and restraint, substance administration, collection of blood samples, anesthesia, euthanasia, and necropsy.

ACADEMIC PRESENTATIONS

2020 Nano-neuroscience: Use of nanotechnology in a model of Parkinson's Disease Universidad Popular Autónoma del Estado de Puebla (Online) 2020 Use of computational tools to evaluate the glycogen distribution in the somatosensory cortex of aged mice 3rd Brainstorming Research Assembly for Young Neuroscientists (Online) 2020 The effect of aging on the spatial distribution of glycogen in Layer I somatosensory cortex of mice 2nd Brainstorming Research Assembly for Young Neuroscientists (Milan, Italy) 2018 Biocompatible magnetic nanoparticles as intranasal drug delivery carriers for the brain Atlantic Basin Conference on Chemistry (Cancun, Mexico) 2018 Nanoparticles for Brain Drug Delivery: Design, Synthesis, Characterization and Biological Evaluation American Chemical Society National Meeting (Boston, USA) 2017 Biocompatible magnetic nanoparticles as intranasal drug delivery carriers for the brain National Congress of Chemistry and Chemical Education (Puerto Vallarta, Mexico) EXTRACURRICULAR ACTIVITIES Member of the organization Cientificas Mexicanas Since Coordinator of Wiki-Cientificas Mexicanas, a project aiming 2020 to promote women in science using Wikipedia. Since Member of Wikimedia Mexico Editor of Wikipedia in english and spanish. Editing mainly 2020 about science and women in STEM. Since American Chemical Society, student member Founder of the 2nd student chapter in Latin America. Roles: 2015 Event coordinator (2017 - 2018), President (2016 - 2017), Secretary (2015 - 2016). Organizer of ACS on Campus in Puebla, Mexico (2018). Since Science Outreach 2013 Participant in book and science fairs performing scientific

demonstrations, contributing with chemistry workshops and

lectures.