

Stanford

Caroline Arellano-Garcia

Ph.D. Student in Biology, admitted Autumn 2017

Bio

HONORS AND AWARDS

- Ford Foundation Predoctoral Fellowship, National Academies of Sciences, Engineering, and Medicine (NASEM) (2018-2024)
- Graduate Research Fellowships Program (GRFP), National Science Foundation (NSF) (2018-2023)
- Post-baccalaureate Research Education Program (PREP) Fellowship, University of Michigan Medical (2015-2017)
- Maximizing Access to Research Careers Undergraduate Student Training in Academic Research Fellowship, California State University, Northridge (2013-2015)

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Officer, BIPOC Emerging Leaders Of the Next Generation (BELONG) - Wu Tsai Neurosciences Institute (2020 - present)
- Officer, Biomedical (Biosciences) Association for the Interest of Minority Students (BioAIMS) (2019 - 2020)
- Member, American Association for the Advancement of Science (AAAS) (2017 - present)
- Member, Association for Women in Science (AWIS) (2017 - present)
- Member, American Association for Cancer Research (AACR) (2015 - present)
- Chapter Officer & Member, Society for Advancement of Chicanos/Hispanics and Native Americans in Science (SACNAS) (2013 - present)

EDUCATION AND CERTIFICATIONS

- Post-baccalaureate, University of Michigan - Ann Arbor , Biomedical Sciences (2017)
- B.S., California State University, Northridge , Biology (Biotechnology) (2015)

LINKS

- LinkedIn: <https://www.linkedin.com/in/caroline-arellano-garcia>
- Google Scholar: <https://scholar.google.com/citations?user=RNRil4AAAAJ&hl=en>

Professional

WORK EXPERIENCE

- Post-baccalaureate Research (PREP) Scholar - University of Michigan Medical School (2015 - 2017)
- MARC-U*STAR Research Scholar - California State University, Northridge (CSUN) (2013 - 2015)
- HSCI Research Scholar - Harvard Stem Cell Institute (HSCI) (2014 - 2014)
- BriSURP Research Scholar - UCLA (2012 - 2012)
- Biology and Chemistry Tutor - Los Angeles Valley College (2011 - 2013)
- Biology and Chemistry Lab Assistant - Los Angeles Valley College (2011 - 2013)

Publications

PUBLICATIONS

- **BMAL1 loss in oligodendroglia contributes to abnormal myelination and sleep.** *Neuron*
Rojo, D., Dal Cengio, L., Badner, A., Kim, S., Sakai, N., Greene, J., Dierckx, T., Mehl, L. C., Eisinger, E., Ransom, J., Arellano-Garcia, C., Gumma, M. E., Soyk, et al
2023
- **Nonsteroidal sulfamate derivatives as new therapeutic approaches for Neurofibromatosis 2 (NF2).** *BMC pharmacology & toxicology*
Shen, Y. C., Arellano-Garcia, C. n., Menjivar, R. E., Jewett, E. M., Dohle, W. n., Karchugina, S. n., Chernoff, J. n., Potter, B. V., Barald, K. F.
2019; 20 (1): 67
- **p38-mediated phosphorylation at T367 induces EZH2 cytoplasmic localization to promote breast cancer metastasis** *NATURE COMMUNICATIONS*
Anwar, T., Arellano-Garcia, C., Ropa, J., Chen, Y., Kim, H., Yoon, E., Grigsby, S., Basrur, V., Nesvizhskii, A. I., Muntean, A., Gonzalez, M. E., Kidwell, K. M., Nikolovska-Coleska, et al
2018; 9: 2801
- **Identification of myosin II as a cripto binding protein and regulator of cripto function in stem cells and tissue regeneration.** *Biochemical and biophysical research communications*
Hoover, M. n., Runa, F. n., Booker, E. n., Diedrich, J. K., Duell, E. n., Williams, B. n., Arellano-Garcia, C. n., Uhlendorf, T. n., La Kim, S. n., Fischer, W. n., Moresco, J. n., Gray, P. C., Kelber, et al
2018
- **MMTV-cre; Ccn6 knockout mice develop tumors recapitulating human metaplastic breast carcinomas** *ONCOGENE*
Martin, E. E., Huang, W., Anwar, T., Arellano-Garcia, C., Burman, B., Guan, J., Gonzalez, M. E., Kleer, C. G.
2017; 36 (16): 2275–85
- **Mesenchymal Stem Cell-Induced DDR2 Mediates Stromal-Breast Cancer Interactions and Metastasis Growth** *CELL REPORTS*
Gonzalez, M. E., Martin, E. E., Anwar, T., Arellano-Garcia, C., Medhora, N., Lama, A., Chen, Y., Tanager, K. S., Yoon, E., Kidwell, K. M., Ge, C., Franceschi, R. T., Kleer, et al
2017; 18 (5): 1215–28