

## Alberto Cruz-Martín, Ph.D.

Cruz-Martin Lab  
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University of Colorado  
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### EDUCATION

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2000-2006	Ph.D. in Neuroscience	David Geffen School of Medicine, University of California, Los Angeles, CA
1995-2000	B.S. in Biology	Universidad de Puerto Rico, Río Piedras, PR (Magna Cum Laude)

### ACADEMIC POSITIONS

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2024-	Visiting Associate Professor, Department of Anesthesiology, The University of Colorado, Anschutz Medical Campus, Aurora, CO
2015-2024	Assistant Professor, Department of Biology, Boston University, Boston, MA

### Participating Faculty Member, University of Colorado:

2024-	The Neuroscience Graduate Program
2024-	The NeuroTechnology Center (NTC)

### RESEARCH TRAINING

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2010-2014	<u>Postdoctoral fellow</u> : U. of California, San Diego, California Advisors: <b>Anirvan Ghosh</b> and <b>Andrew Huberman</b> ; Project: Visual circuits involved in the detection of directional motion.
2006-2010	<u>Postdoctoral fellow</u> : U. of California, Los Angeles, California Advisor: <b>Carlos Portera-Cailliau</b> ; Project: In vivo imaging of synaptic connections during early postnatal development in a mouse model of cognitive disability.
2000-2006	<u>Graduate student researcher</u> : U. of California, Los Angeles, California Advisor: <b>Felix E. Schweizer</b> ; Project: Interaction of excitation and inhibition in synapses between CA3 pyramidal neurons of hippocampal organotypic cultures.
1996-2000	<u>Undergraduate student researcher</u> : U. de Puerto Rico, Río Piedras, PR Advisor: <b>José A. Lasalde-Dominicci</b> ; Project: Structure-function relationships of nicotinic receptors and the role of lipid-protein interaction on acetylcholine receptor function.

### AWARDS/HONORS

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2019-2021	NARSAD Young Investigator Award, Brain & Behavior Research Foundation
2015	Early Career Institute in Neuroscience Award, National Institutes of Health (NIH)
2012	Neuroscience Scholars Program (Society for Neuroscience)
2007-2009	President's Postdoctoral Fellowship Program, U. of California, Los Angeles, California
2003-2006	Harriet G. Jenkins Predoctoral Fellowship, The National Aeronautics and Space

Administration (NASA)  
2001-2003 Achievement Rewards for College Scientists (ARCS) Award, ARCS Foundation  
2000 Magna Cum Laude, U. de Puerto Rico, Río Piedras, PR

## GRANT SUPPORT

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### Current Grants

06/2024- Start-up funds, The Dept. of Anesthesiology and NeuroTechnology Center (NTC) at The U. of Colorado Anschutz Medical Campus (**Cruz-Martín, PI**), Total: Undisclosed amount  
05/2022-04/2027 1R01 MH129732-01 NIH (**Cruz-Martín, PI**) “Functional heterogeneity of vasoactive intestinal peptide-expressing interneurons in the anterior cingulate cortex”, Direct costs: \$1,250,000.00, F&A: \$812,500.00, Total: \$2,062,500.00

### Previous Grants

01/2020-11/2023 R01EB029171-02 NIH (Mertz, PI; **Cruz-Martín, Co-Inv**) “Fast, large-scale neuronal imaging with multi-z confocal microscopy”, Direct Costs: \$180,000.00, F&A: \$117,000.00, Total: \$297,000.00  
04/2021-04/2022 Industry grant #55208882 Alector Inc. (**Cruz-Martín, PI**) “An in vivo gene transfer model to test the effects of experimental monoclonal antibody therapies on complement-mediated synaptic loss”, Direct costs: \$105,573.00, F&A: \$68,623.00, Total: \$174,196.00  
01/2021-08/2022 1R01HL150432-01 NIH (Logan PI; **Cruz-Martín, Co-inv**) “Cell-Type Specific Role of Circadian-Dependent Transcription in Fentanyl-Induced Synaptic and Behavioral Plasticity”, Direct costs: \$13,730.00, F&A: \$8924.00, Total: \$22,654.00  
01/2019-02/2021 Industry grant #979338 Biogen Inc. (**Cruz-Martín, PI**) “In Vivo Dissection of the Effect of AMPA-PAM on the Excitatory/Inhibitory Balance of Cortical Neurons”, Direct costs: \$100,000.00, F&A: \$65,000, Total: \$165,000.00  
01/2019-01/2020 Brain & Behavior Research Foundation, Young Investigator Grants #55206683(**Cruz-Martín, PI**) “The Role of Complement Component 4 in Cortical Developmental Dynamics”, Direct costs: \$70,000, F&A: \$0, Total: \$70,000  
04/2018-04/2023 Industry grant #55206943 Biogen/Ionis (**Cruz-Martín, PI**) “Elucidating the Role of the Complement System in the Pathophysiology of Schizophrenia”, Direct costs: \$240,000.00, F&A: \$156,000.00, Total: \$396,000.00

## PUBLICATIONS

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[https://scholar.google.com/citations?hl=en&user=Ymf5slIAAAA&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=Ymf5slIAAAA&view_op=list_works&sortby=pubdate)  
<https://www.ncbi.nlm.nih.gov/myncbi/1-u408cWsrfk-/bibliography/public/>

\*Co-corresponding author

### In progress

1. McDermott KD, Phadke RA, Kruzich E, Picard I, **Cruz-Martín A**, Gonçalves JT. Microglia and complement signaling contribute to neural representations of space in the hippocampus. *In preparation*.
2. Fournier LA, Phadke RA, Salgado M, Brack A, Jian Carlo Nocon, Bolshakova S, Grant J, Padró-Luna N, Kamal Sen, **Cruz-Martín A**. Overexpression of the schizophrenia risk gene C4 in PV cells drives sex-dependent behavioral deficits and circuit dysfunction. *bioRxiv* [Preprint]. 2024 Jan

28:2024.01.27.575409. doi: 10.1101/2024.01.27.575409. PMID: 38328248; PMCID:  
PMC10849664. *In press, iScience.*

## Published

3. Phadke RA, Wetzell AM, Fournier LA, Sha M, Padró-Luna NM, **Cruz-Martín A.** REVEALS: An Open Source Multi Camera GUI For Rodent Behavior Acquisition. *bioRxiv* [Preprint]. 2023 Aug 23. doi: 10.1101/2023.08.22.554365. PubMed PMID: 37662188; PubMed Central PMCID: PMC10473639.
4. Phadke RA, Brack A, Fournier LA, Kruzich E, Sha M, Picard I, Johnson C, Stroumbakis D, Salgado M, Yeung C, Escude Velasco B, Liu YY, Cruz-Martín A. The schizophrenia risk gene C4 induces pathological synaptic loss by impairing AMPAR trafficking. *Mol Psychiatry*. 2024 Sep 3. doi: 10.1038/s41380-024-02701-7. Epub ahead of print. PMID: 39227431. (Cover). See blog: <https://tinyurl.com/Blog-Intracellular-Complement>
5. Kruzich E, Phadke RA, Brack A, Stroumbakis D, Infante O, **Cruz-Martín A.** A pipeline for STED super-resolution imaging and Imaris analysis of nanoscale synapse organization in mouse cortical brain slices. *STAR Protoc*. 2023 Nov 8;4(4):102707. doi: 10.1016/j.xpro.2023.102707. Epub ahead of print. PMID: 37948187.
6. Phadke RA, Kruzich E, Fournier LA, Brack A, Sha M, Picard I, Johnson C, Stroumbakis D, Salgado M, Yeung C, Escude Velasco B, Liu YY, **Cruz-Martín A.** C4 induces pathological synaptic loss by impairing AMPAR trafficking. *bioRxiv* [Preprint]. 2023 Sep 29:2023.09.09.556388. doi: 10.1101/2023.09.09.556388. PMID: 38014001; PMCID: PMC10680816.
7. Johnson C, Kretsge LN, Yen WW, Sriram B, O'Connor A, Liu RS, Jimenez JC, Phadke RA, Wingfield KK, Yeung C, Jinadasa TJ, Nguyen TPH, Cho ES, Fuchs E, Spevack ED, Velasco BE, Hausmann FS, Fournier LA, Brack A, Melzer S, **Cruz-Martín A.** Highly unstable heterogeneous representations in VIP interneurons of the anterior cingulate cortex. *Mol Psychiatry*. 2022 May;27(5):2602-2618. doi: 10.1038/s41380-022-01485-y. Epub 2022 Mar 4. PMID: 35246635. (*bioRxiv*, 2020)
8. Zheng S, Xiao S, Kretsge L, **Cruz-Martín A,** Mertz J. Depth resolution in multifocus laser speckle contrast imaging. *Opt Lett*. 2021 Oct 1;46(19):5059-5062. doi: 10.1364/OL.436334. PMID: 34598268; PMCID: PMC9801310.
9. Borrelli KN, Yao EJ, Yen WW, Phadke RA, Ruan QT, Chen MM, Kelliher JC, Langan CR, Scotellaro JL, Babbs RK, Beierle JC, Logan RW, Johnson WE, Wachman EM, **Cruz-Martín A,** Bryant CD. Sex Differences in Behavioral and Brainstem Transcriptomic Neuroadaptations following Neonatal Opioid Exposure in Outbred Mice. *eNeuro* 2021 Sep 20;8(5):ENEURO.0143-21.2021. doi: 10.1523/ENEURO.0143-21.2021. PMID: 34479978; PMCID: PMC8454922.
10. Leman DP, Chen IA, Bolding KA, Tai J, Wilmerding LK, Gritton HJ, Cohen Y, Yen WW, Perkins LN, Liberti III WA, Kilic K, Han X, **Cruz-Martín A,** Gardner TJ, Otchy TM, Davison. IG. Large-scale cellular-resolution imaging of neural activity in freely behaving mice *bioRxiv* [Preprint]. 2021 Jan 17. doi: 10.1101/2021.01.15.426462.
11. Comer AL, Jinadasa T, Sriram B, Phadke RA, Kretsge LN, Nguyen TPH, Antognetti G, Gilbert JP, Lee J, Newmark ER, Hausmann FS, Rosenthal S, Liu Kot K, Liu Y, Yen WW, Dejanovic B, **Cruz-Martín A.** Increased expression of schizophrenia-associated gene C4 leads to hypoconnectivity of prefrontal cortex and reduced social interaction. *PLoS Biol*. 2020 Jan 14;18(1):e3000604. doi: 10.1371/journal.pbio.3000604. PMID: 31935214; PMCID: PMC6959572. (Cover)(*bioRxiv*, 2019)
12. Comer AL, Carrier M, Tremblay MÈ, **Cruz-Martín A.** The Inflamed Brain in Schizophrenia: The Convergence of Genetic and Environmental Risk Factors That Lead to Uncontrolled Neuroinflammation. *Front Cell Neurosci*. 2020 Aug 27;14:274. doi: 10.3389/fncel.2020.00274. PMID: 33061891; PMCID: PMC7518314.
13. Comer AL, Sriram B, Yen WW, **Cruz-Martín A.** A Pipeline using Bilateral In Utero Electroporation to

Interrogate Genetic Influences on Rodent Behavior. *J Vis Exp*. 2020 May 21;(159). doi: 10.3791/61350. PMID: 32510510.

14. Sriram B, Li L, **Cruz-Martín A\***, Ghosh A\* (2020). A Sparse probabilistic code underlies the limits of behavioral discrimination. *Cereb Cortex*, bhz147, <https://doi.org/10.1093/cercor/bhz147> (bioRxiv, 2018)
15. Shen J, Blute TA, Liberti WA, Yen WW, **Cruz-Martín A\***, Gardner TJ\* (2017). Songbird organotypic culture as an *in-vitro* model for interrogating sparse sequencing networks. *BioRxiv* doi: <https://doi.org/10.1101/164228>
16. **Cruz-Martín A**, Portera-Cailliau C (2014). In vivo imaging of axonal and dendritic structures in neonatal mouse cortex. In Imaging in Developmental Biology: A Laboratory Manual. *Cold Spring Harb Protoc* 57-64. doi: 10.1101/pdb.prot080150 (Book chapter)
17. **Cruz-Martín A**, El-Danaf RN, Osakada F, Sriram B, Ghosh A, Dhande O, Nguyen P, Huberman AD (2014). A dedicated circuit linking direction-selective retinal ganglion cells to primary visual cortex. *Nature* 507: 358-361 (Cover)
18. **Cruz-Martín A**, Huberman AD (2012). Visual cognition: Rats compare shapes among the crowd. *Curr Biol* 22: P18-20
19. **Cruz-Martín A**, Crespo M, Portera-Cailliau C (2012). Glutamate induces the elongation of early dendritic protrusions via mGluRs in wild type mice, but not in fragile X mice. *PLoS One* 7: e32446 Epub 2012 Feb 27
20. **Cruz-Martín A**, Crespo M, Portera-Cailliau C (2010). Delayed stabilization of dendritic spines in fragile X mice. *J Neurosci* 30: 7793-7803 (Cover)
21. Chowdhury T, Jimenez JC, Bomar J, **Cruz-Martín A**, Cantle JP, Portera-Cailliau C (2010). Fate of Cajal-Retzius neurons in the postnatal mouse neocortex. *Front in Neuroanat* 4: 10. doi: 10.3389/neuro.05.010.2010
22. **Cruz-Martín A**, Schweizer FE (2008). Imbalance between excitation and inhibition among synaptic connections of CA3 pyramidal neurons in cultured hippocampal slices. *Eur J Neurosci* 27: 1353-1363
23. Sippy T, **Cruz-Martín A**, Jeromin A, Schweizer FE (2003). Acute changes in short-term plasticity at synapses with elevated levels of neuronal calcium sensor-1. *Nat Neurosci* 6: 1031-1038 (Cover)
24. **Cruz-Martín A**, Mercado JL, Rojas LV, McNamee M, Lasalde-Dominicci JA (2001). Tryptophan substitutions at lipid-exposed positions of the gamma M3 transmembrane increase the macroscopic ionic current response of the *Torpedo californica* nicotinic acetylcholine receptor. *J Membr Biol* 183: 61-70

## PRESENTATIONS

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### Invited Lectures

10/2024	Dept. of Neuroscience, Tufts University School of Medicine, Boston, MA
10/2024	Seaver Autism Center seminar series, Icahn School of Medicine at Mount Sinai, New York, NY
02/2024	Dept. of Psychology, Binghamton University, SUNY, Binghamton, NY
02/2024	Dept. of Anesthesiology, U. of Colorado, Anschutz Medical Campus, Aurora, CO
11/2023	Apellis Pharmaceuticals, Inc., Waltham, MA
10/2023	Dept. of Molecular Biosciences, The Wenner-Gren Institute, Stockholm U., Stockholm, Sweden
10/2023	Dept. of Neuroscience, U. of Minnesota, Minneapolis, MN
09/2023	Del Monte Institute for Neuroscience IDDRC Symposium, Rochester, NY
09/2023	Complement Based Drug Development Summit, Boston, MA

- 07/2023 Dandrite, Aarhus U., Aarhus, Denmark
- 05/2023 Non-human Primate Physiology Consortium Mini-Symposium - National Institute of Mental Health, Bethesda, MD
- 04/2023 2023 International Conference on Learning and Memory (LEARNMEM™2023), “The development and function of prefrontal learning and memory circuits” panel, Huntington Beach, CA
- 04/2023 Pontifical Catholic U. of Puerto Rico, NeuroBoricuas Program, Ponce, PR
- 02/2023 Molecular and Cellular Neuroscience (MCN) Seminar Series, MIT, Cambridge, MA
- 02/2023 Forty-Seventh Annual Interdisciplinary Conference, “Synaptic pathophysiology underlying psychiatric disorders” panel, Jackson Hole, WI
- 11/2022 U. of Mississippi, Oxford, MS
- 10/2022 Dept. de Biología, U. de Puerto Rico, Río Piedras, PR
- 06/2022 Dandrite Aarhus U., Aarhus, Denmark
- 06/2022 Circuit Biology Dept., Lundbeck A/S, Copenhagen, Denmark
- 02/2022 Neuroscience Dept. (student-invited outstanding researcher), Johns Hopkins U., Baltimore, MD
- 02/2022 Dept. of Anatomy and Neurobiology, Boston, MA
- 10/2021 Weill Cornell Medicine's Frontiers in Neuropsychiatry Seminars (FINS), New York City, NY
- 12/2020 Dominick P. Purpura Dept. of Neuroscience, Albert Einstein College of Medicine, New York, NY
- 11/2020 3<sup>rd</sup> Neuropsychiatric Drug Development Summit, Boston, MA
- 10/2020 Janssen Pharmaceuticals, Inc., San Diego, CA
- 09/2020 Novartis Institutes for Biomedical Research, Cambridge, MA
- 08/2020 Keynote Speaker, Building Diversity in Biomedical Sciences (BDBS) symposium, Tufts U., Boston, MA (Covid-19, canceled)
- 04/2020 UCLA ICNG Seminar Series, Los Angeles, CA (Covid-19, canceled)
- 04/2020 Dept. of Biology, Drexel U., Philadelphia, PA (Covid-19, canceled)
- 02/2020 Dept. of Pharmacology, Tulane Brain Institute, New Orleans, LA
- 06/2019 GRC on Excitatory Synapses and Brain Function, Salem, NH
- 05/2019 Dept. of Biochemistry and Molecular Medicine, U. of California, Davis, CA
- 03/2019 Ponce Health Sciences U., Ponce, PR
- 10/2018 Dept. of Immunology, Biogen, Cambridge, MA
- 08/2018 Center for Molecular Neurobiology (ZMNH), Hamburg, Germany
- 02/2018 Dept. of Pharmacology, Boston U., Boston, MA
- 11/2016 Dept. of Biology, U. of Puerto Rico, Río Piedras, PR
- 11/2016 College of Engineering, U. of Puerto Rico, Mayagüez, PR
- 05/2016 Buck Institute for Research on Aging Research, Novato, CA
- 03/2014 Dept. of Molecular, Cell and Developmental Biology, U. of California, Santa Cruz, CA
- 03/2014 Dept. of Biology, U. of Puerto Rico, Río Piedras, PR
- 03/2014 Dept. of Neuroscience and Psychiatry, Columbia U., New York, NY
- 03/2014 Dept. of Ophthalmology, Yale U., New Haven, CT
- 02/2014 Dept. of Biology, Boston U., Boston, MA

02/2014 Dept. of Anatomical Sciences and Anatomy, U. of Louisville, Louisville, KY  
01/2014 Dept. of Neurobiology and Anatomy, U. of Utah, Salt Lake City, UT

### PROFESSIONAL ACTIVITIES AND SERVICES at CU ANSCHUTZ

2024 Talk, The Neuroscience Graduate Program (September)  
2024 Bootcamp Lightning Talk, The Neuroscience Graduate Program (August)

### PROFESSIONAL ACTIVITIES AND SERVICES

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Consultant Neurobiologist for various companies - Areas of expertise: CNS disorders, neurodegeneration, neuroinflammation, preclinical drug discovery, CNS targets and translational strategies, identification of high-priority projects based on ongoing studies, and competitor information.

2024 Proposal reviewer for The ECOS ANID Program. This program is a longstanding scientific cooperation initiative between the National Agency of Research of Chile (ANID) and the Evaluation and Scientific Cooperation Committee of France (ECOS-SUD).

2024 Consultant - A4Cell Nanodevices, Calle de Génova, 11, Chamberí, 28004 Madrid, Spain

2024 Consultant - Xista Science Ventures Management, GmbH, Plöcking 1 / 3400 Klosterneuburg, Vienna, Austria

2023-2024 Member of Assessment Faculty Committee for permanent academic positions at Natural Sciences, Dandrite, Aarhus U., Aarhus, Denmark

2023- Member of Neurodifferentiation, Plasticity, Regeneration and Rhythmicity (NDPR, NIH) Study Section

2023 Ad hoc reviewer - Special Emphasis Panel for BRAIN Initiative Advanced Postdoctoral Career Transition Award to Promote Diversity (K99R00, NIH) program (June)

2023 Ad hoc reviewer - Special Emphasis Panel for The Brain Research through Advancing Innovative Neurotechnologies® (BRAIN) Initiative Fellows (F32, NIH) program (March)

2022 Ad hoc reviewer - Neurodifferentiation, Plasticity, Regeneration and Rhythmicity (NDPR, NIH) Study Section (June)

2022-2023 Graduate Application Review Committee - BU Bioinformatics Program

2022- Adjunct Assistant Professor, Dept. of BioMolecular Sciences, U. of Mississippi School of Pharmacy, MS - This position is required to be a student's doctoral committee member.

2021-2022 Consultant - Delin Ventures, London (GB), Zweigniederlassung, Basel, Switzerland

2021-2022 Consultant - As part of Industry SRA #55208882, Alector Inc. (Cruz-Martín, PI) consulted on experimental approaches for *in vivo* delivery of engineered antibody therapies in mouse models and testing the effects of therapeutic agents on cellular and behavioral phenotypes; wrote academic-industry grants; analyzed and interpreted data; and presented scientific results.

2021- Editorial Board of Molecular Signaling and Pathways (Review Editor for *Frontiers in Molecular Neuroscience*)

2021 Reviewer - Generic Call for Proposals 2021 (AAPG 2021), French National Research Agency

2020- Graduate Application Review Committee - BU Biology Dept.

2020- Editorial Board of Non-Neuronal Cells (specialty section of *Frontiers in Cellular Neuroscience*) as Associate Editor

2020-2022 Mentor for Científico Latino's Graduate Student Mentorship Initiative (GSMI).

2020 Consultant for Hanson Wade Conferences (3<sup>rd</sup> Neuropsychiatric Drug Development Summit, Boston, MA)

2019- Editorial Board, *Synapse* (Wiley Neuroscience journal)

- 2019 On-site Panelist - NSF's Neural Systems Cluster Organization Program
- 2019-2021 Consultant - As part of industry SRA #979338, Biogen Inc. (Cruz-Martín, PI) consulted on experimental approaches for *in vivo* delivery of small molecule cognitive enhancers and testing the effects of pharmacology on cellular and behavioral deficits; wrote academic-industry grants; analyzed and interpreted data; and presented scientific results.
- 2019-2020 Program Committee for the 22nd Annual Meeting of the International Behavioural and Neural Genetics Society (IBANGS)
- 2019-2022 Selection Committee - The SACNAS Summer Travel Scholarship
- 2018-2023 Consultant - As part of industry SRA #55206943, Biogen/Ionis (Cruz-Martín, PI) consulted on experimental approaches for *in vivo* delivery of antisense oligonucleotides (ASOs) and testing the effects of therapeutic agents on cellular and behavioral phenotypes; wrote academic-industry grants; analyzed and interpreted data; and presented scientific results.
- 2017-2018 National Fellowships Committee - Graduate Women in Science
- 2017- 2022 NSP Selection Committee - The Neuroscience Scholars Program (NSP) is a two-year online training program open to underrepresented graduate students and postdoctoral researchers.
- 2017 Reviewer - Postdoctoral Fellow applications, Research Foundation Flanders – FWO (Fonds Wetenschappelijk Onderzoek - Vlaanderen)
- 2016- Mentor for Neuroscience Scholars Program (NSP, Society for Neuroscience).
- 2016-2023 Weekly Biology Seminars Committee Member, Neurobiology Section
- 2016 Seminar and recruitment activities for NSF NRT “Understanding the Brain, Neurophotronics, “U. de Puerto Rico, Mayagüez, and Río Piedra's campuses.
- 2016 Speaker for *Conversations with Scientists*, Yale Ciencia Academy
- 2015-2016 Reviewer - The Puerto Rico Science Technology and Research Trust's Science and technology grant program, subprogram (EPSCoR-style grants program to stimulate competitive research)
- 2015-2016 Reviewer - Louisiana Board of Regents' Research Competitiveness

## TEACHING EXPERIENCE

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- 2022 Guest lecturer - Applied Statistical Machine Learning (with M. Yajima, CAS MA679, 1.5 h lecture, 3 lectures)
- 2021 Guest lecturer - Molecular Biology Laboratory (with T. Gilmore, CASBB 522, 1.5 h lecture, 1 lecture)
- 2019-2020 Guest lecturer - Neural Systems: Functional Circuit Analysis (Ian Davison, GRSBI 741, 1.5 h lecture, 1 lecture)
- 2017-2019 NSF Research Training grant (NRT) in Neurophotronics workshop: “Monitoring Activity in Neural Circuits with Fluorescent Indicators” (4-h workshop, 1-h lecture with lab demonstration, summer, developed in part by Cruz-Martín)
- 2016-2024 CASBI325 - Principles of Neuroscience (4 credits, 27 lectures undergraduate level, developed by Cruz-Martín)
- 2016-2024 CASBI598 - Neural Circuits (4 credits, 27 lectures, undergraduate/graduate level, developed by Cruz-Martín)
- 2015 CASBI581 - Seminar in Biology (2 credits, 11 lectures, undergraduate/graduate level, developed by Cruz-Martín)

## REVIEWER FOR SCIENTIFIC JOURNALS

Biological Psychiatry (2024), Molecular Psychiatry (2023), Nature Communications (2023), ACS Chemical Neuroscience (2023), Science Advances (2023), eNeuro (2023), Neurobiology of Disease (2022), Frontiers in Molecular Neuroscience (2021), Synapse, Cells, Science, ACS Chemical Neuroscience, Frontiers in Cellular

Neuroscience, Cells, International Journal of Molecular, Science, Trends in Neurosciences, Cerebral Cortex, ACS Chemical Neuroscience, JoVE, Scientific Reports, Neuroscience Research, Current Biology, Journal of Comparative Neurology, Journal of Neuroscience, Scientific Reports