

Matias Leandro Andina

Personal Information

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Education

Current 2016	MSc Student, University of Massachusetts Amherst, USA Advisor: Dr Mariana Pereira. GPA: 3.83
2010-2015	Biology Degree, University of Buenos Aires, Argentina Thesis: "Study of different long-term memories and participation of synaptic ERK/MAPK in memory consolidation" Advisor: Dr Mariana Feld, Dr Arturo Romano GPA: 8.4/10.0

Research Experience

Current 2016	MSc Student - Neuroscience and Behavior Program <i>University of Massachusetts Amherst, USA</i> Study of neural circuits involved in maternal behavior using a rat model.
2013-2015	Undergraduate Research Assistant <i>Neurobiology of Memory Lab, IFIByNE-CONICET, Argentina</i> Contextual Pavlovian Conditioning, long term memory consolidation and molecular mechanisms involved in crab's escape response to a visual danger stimulus.

Skills

Laboratory	Stereotaxic surgery, Brain localized injections, Perfusion, Brain tissue collection, Cryosectioning, Immunohistochemistry, Epifluorescence and Confocal Microscopy, Microdialysis probe implant and sample collection, Tissue homogenates, HPLC, Gel electrophoresis.
Computer	Software: Microsoft Office, SPSS, Inkscape, ImageJ, Illustrator. Languages: R, MATLAB, Markdown, Latex, C(Arduino).

Teaching Experience

University of Massachusetts Amherst

2018	Teaching Assistant Methods of Inquiry in Psychology.
2017	Instructor of Record Animal Behavior: stay fit, survive another day. First year, 1 credit seminar, supported by College of Natural Sciences (CNS) fellowship.
2017	Teaching Assistant Interdisciplinary Methods in Psychology.

Invited Talks and Lectures

- 2017 **Parenting Behaviors** - Behavioral Neuroendocrinology, UMass
2017 **Neural Basis of Maternal Behavior** - Neuroscience club, UMass

Conferences and Presentations

- 2018 Ojeda Ramos S.; **Andina M.**; Feld M. Long-term memory induced by two training trials in the crab *Neohelice granulata*. To be presented at the 11th FENS forum, Berlin, Germany.
2015 **Andina, M.**; Romano, A.; Feld, M. Two-trial long-term memory in the crab *Neohelice granulata*. Presented at the 30th Annual Meeting of the Argentinean Society of Neuroscience Research. Mar del Plata, Argentina.
2013 **Andina, M.**; Klappenbach, M.; Locatelli, E.; Pedreira, E.; Romano, A.; Feld, M.. Measuring crab's memory: improving conditioning. Presented at the Annual Meeting of the Argentinean Society of Neuroscience Research. Huerta Grande, Argentina.

Scholarships and Awards

- 2017 College of Natural Sciences Fellowship, University of Massachusetts
2016 Neuroscience and Behavior Program Fellowship, University of Massachusetts. Amherst
2015 Young ISN Neurochemistry Award.

Mentoring

University of Massachusetts Amherst

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| 2017 - 2018 | Idil Tuncali | Projects(s): Ultrasonic vocalization analysis. Statistics. R. |
| 2017 | Nneka Southwell | Technique(s): Perfusion, Tissue Collection, Cryosectioning. |
| 2016 - 2017 | Thomas Riley Potter | Project(s): Microdialysis probe calibration. |
| 2016 | Dar Alon | Project(s): Automated cell counting. |

Service

University of Massachusetts Amherst

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| 2018 - 2016 | NSB Seminar Committee. Organization of invited Faculty talks at UMass. |
| 2018 - 2017 | NSB Mentoring Committee. Organization of first year graduate student activities and mentoring events. |

Outreach

- 2018 - 2016 | That's Life [Science] Blog. Article writing and editing.

Languages

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| Spanish: | Native Proficiency |
| English: | Bilingual Proficiency |
| Portuguese: | Intermediate Proficiency |