

Alejandro M. Andirkó

Ph.D. student

PERSONAL DETAILS

Birth September 3, 1994
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EDUCATION

Ph.D. student 2018-
University of Barcelona: Cognitive Science and Language
Under the supervision of Prof. Cedric Boeckx
MA. Cognitive Science and Language 2016-2017
University of Barcelona
BA. Spanish Language and Literature 2012-2016
University of Murcia

COURSES

Archaeological Science in the Post-Genome Era 2018
University of Copenhagen, Natural History Museum
Analyses of genotyping and NGS data in medical and population genetics 2018
University of Copenhagen

LANGUAGES

Spanish (mother tongue)
Hungarian (mother tongue)
English (fluent)
French (fluent)
Catalan (basic)

PUBLICATIONS, PRESENTATIONS

- *A hypothesis concerning how the evolution of prosociality impacted vocal learning.* Pedro T. Martins, Thomas O'Rourke, **Alejandro Andirkó**, Stefanie Sturm, Cedric Boeckx
Talk at Center for the Interdisciplinary Study of Language Evolution Inaugural Workshop (2019)
- *Language-readiness: Descent, modification, and further modification.* **Alejandro Andirkó**, Thomas O'Rourke, Juan Moriano, Cedric Boeckx
Poster at Center for the Interdisciplinary Study of Language Evolution Inaugural Workshop (2019)

- *Glutamatergic modulation of vocal learning circuits through the dopaminergic projections of the Periaqueductal Gray.*, Pedro T. Martins, Thomas O'Rourke, **Alejandro Andirkó**, Stefanie Sturm, Cedric Boeckx
Poster at Language and Music in Cognition Spring School (2019)
- *Molecular evolution of human-specific facial traits and socio-cognitive profile: Insights from neurocrisopathies.* Matteo Zanella*, Alessandro Vitriolo*, **Alejandro Andirko**, Nicolo Caporale, Adrianos Skaros, Cedric Boeckx, Giuseppe Testa.
Poster at ESHE meeting (2018)
- *Rethinking neoteny and neuroplasticity in language evolution.* Bridget Samuels, Pedro Tiago Martins, Thomas O'Rourke **Alejandro Andirkó**, Saleh Alamri, Constantina Theofanopoulou, Cedric Boeckx.
Workshop: New Directions in Language Evolution. SLE 2018 (2018)
- *The symbolic species?* **Alejandro Andirkó**, Stefanie Sturm, Thomas O'Rourke, Pedro Tiago Martins, Cedric Boeckx.
Poster at UBICS day (2018)
- *The biocognitive 'guns, germs, and steel' underlying Homo sapiens' unique material culture.* **Alejandro Andirkó**, Saleh Alamri, Stefanie Sturm, Thomas O'Rourke, Pedro Tiago Martins, Cedric Boeckx.
Talk at Evolang12 workshop *The 'stuff' of language* (2018)
- *Oxytocin and Vasopressin Receptor variants as a window onto the evolution of human prosociality.* Constantina Theofanopoulou*, **Alejandro Andirkó***, Cedric Boeckx.
BioRxiv. <https://doi.org/10.1101/460584> (2018)
- *Differences on the OXTR between modern humans and extinct hominids: a window to our language-ready behavior.* **Alejandro Andirkó**, Constantina Theofanopoulou, Cedric Boeckx.
Poster: Protolang5 (2017)

GRANTS AND AWARDS

- *Best Science Communication Video.* Thomas O'Rourke, Stefanie Sturm, **Alejandro Andirkó**, Pedro Tiago Martins.
- *Predoctoral grant*
Spanish Ministry of Science, Universities and Innovation (2018-2022)

SCIENCE OUTREACH

- *It's not about cats* Stefanie Sturm*, Thomas O'Rourke*, Pedro Tiago Martins*, **Alejandro Andirkó***
Scientific Journalism piece at Babel (2019)
- *¿Qué es la vida? El futuro de la biología, 75 años después de Schrödinger* **Alejandro Andirkó***, Stefanie Sturm*, Thomas O'Rourke*, Pedro Tiago Martins*, Cedric Boeckx.
Scientific Journalism piece at The Conversation (2018) (in Spanish)

- *Participation in Somos científicos.*

Initiative that brings together high school teenagers and scientists in order to answer their questions 2 weeks

SOCIETIES & ORGANIZATIONS

- European Society for the Study of Human Evolution (ESHE)
Member
- UBICS (University of Barcelona Institute of Complex Systems).
Member

OTHER WORK EXPERIENCE

Intern

2016

Asociación Arqueología de Guardia

Arqueología de Guardia organizes cultural activities, science communication events, and educational workshops involving new findings in the fields of Archaeology, History and Cultural Heritage. As an intern, I participated in the organization and execution of some of these activities, including archaeological prospection, field analysis and communications for non-specialized public.