

Andrea Carvelli

Professor @TempleUni

Contact

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WORKING EXPERIENCE

- 2025-01 - *@Temple University, Rome, IT*
Current **Professor** of Biology and Biochemistry
- 2022-03 - *Giordano Lippi, La Jolla, CA*
2024-10 **Post-doctoral researcher** at “Dorris Neuroscience Center, The Scripps Research Institute”
- 2021-01 - *Irene Bozzoni, Rome, IT*
2022-01 **Post-doctoral researcher** at the "Center for Life Nano- & Neuro-Science, Italian Institute of Technology foundation”.

EDUCATION

- 2017-11 - **Ph.D.: Genetics & Molecular Biology**
2020-10 *La Sapienza University, Rome, IT*
PhD at Irene Bozzoni's Lab
Project's title: ncRNAs in motoneuron development and degeneration
- 2015-10 - **Master of Science: Genetics & Molecular Biology**
2017-10 *La Sapienza University, Rome, IT*
Master's degree at Anna Maria Biroccio's Lab
Thesis: Characterization of the biological effects of the first pharmacological activator of Sirtuin SIRT6: UBACS039 110/110 with honors
- 2012-09 - **Bachelor of Science: Biology**
2015-10 *La Sapienza University, Rome, IT*
Bachelor's degree at Roberto Contestabile's lab
Thesis: Molecular basis of neonatal epileptic encephalopathy

WORKSHOP & CONFERENCES

-18th to the 23rd of June 2019

Oral presentation at 3rd International Conference on the Long and the Short of **Non-Coding RNAs**, Avra ImperialHotel & Conference Center, Chania, Crete, Greece Presentation Title: “*LncRNAs in motoneuron development*”
Award: **Best** oral presentation

-7th to the 11th of October 2018

Attending @EMBL Course Whole **Transcriptome Data Analysis**, EMBL, Heidelberg, Germany

-18th to the 21th of September 2018

Poster presentation at XV Federazione Italiana Scienze della Vita (FISV) Congress, Sapienza University, Rome, Italy Poster's Title: “**Noncoding RNA circuitries in motoneuron physiopathology**”

-29th to the 30th of June 2018

Poster presentation at **BraYn** - Brainstorming Research Assembly for YOUNG Neuroscientists, Ospedale Policlinico San Martino, Genoa, Italy
Poster's Title: “**Long non-coding RNAs in motoneurons differentiation and degeneration**”

PUBLICATIONS

Carvelli, A., Setti, A., Desideri, F., Galfrè, S. G., Biscarini, S., Santini, T., ... & Bozzoni, I. (2022). A multifunctional locus controls motor neuron differentiation through short and long noncoding RNAs. *The EMBO Journal*, e108918.

Desideri, F., Grazzi, A., Lisi, M., Setti, A., Santini, T., Colantoni, A., **Carvelli, A.**... & Bozzoni, I. (2024). CyCoNP lncRNA establishes cis and trans RNA–RNA interactions to supervise neuron

