
CORINNA

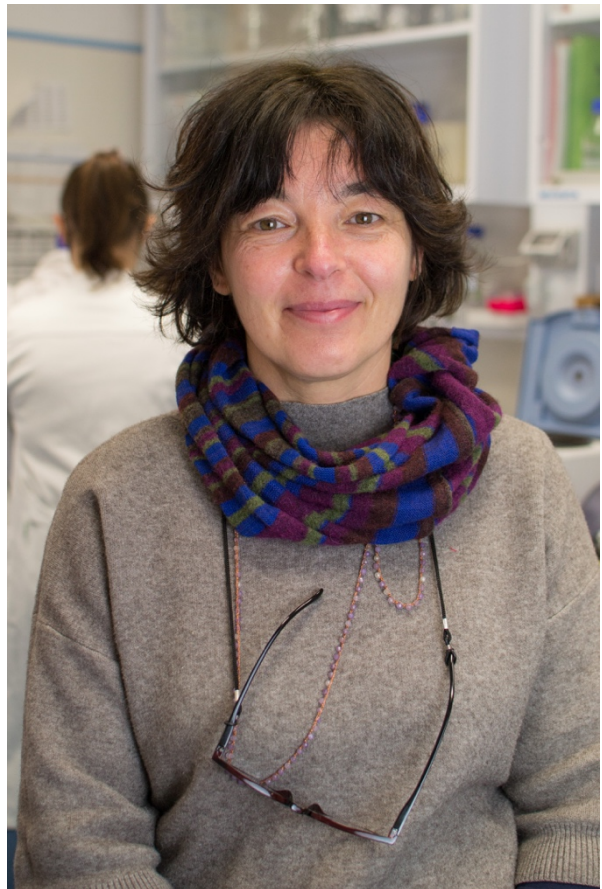
GIORGI

Group Leader -

Messenger RNA metabolism

of the nervous system Laboratory

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Corinna obtained her PhD in Genetics and Molecular Biology at "Sapienza" University of Rome in Irene Bozzoni's Laboratory, working on snoRNA biosynthesis and processing in yeast.

Next, she joined Melissa J. Moore's lab at Brandeis University (MA, USA) as a Howard Hughes post-doctoral fellow. During these five years, she studied post-transcriptional regulation of Arc, a key effector of synaptic plasticity, discovering a molecular mechanism which is dependent on splicing of the mRNA and modulates transient expression of this important protein during memory formation.

Her group at EBRI focuses on investigating post-transcriptional mechanisms underlying the polarized or activity-dependent expression of messenger RNAs in neurons. The research group is also interested in understanding if alterations of such

mechanisms contribute to the development of neurological disorders, such as Alzheimer's disease.

Education and Positions

1998 Graduation in Biology, Sapienza University of Roma, Italy

2002 PhD in Genetics and Molecular Biology, Sapienza University of Roma, Italy

2002-2007 Howard Hughes Post-doctoral Fellow at Brandeis University, Waltham, MA, USA

2007-2013 Researcher at EBRI Rita Levi-Montalcini Institute

2013 Group leader at EBRI Rita Levi-Montalcini Institute

Publications

2018

Paolantoni C, Ricciardi S, De Paolis V, Okenwa C, Catalanotto C, Ciotti MT, Cattaneo A, Cogoni C, **Giorgi C**. Arc 3' UTR Splicing Leads to Dual and Antagonistic Effects in Fine-Tuning Arc Expression Upon BDNF Signaling. **Front Mol Neurosci**. 2018 Apr 27;11:145.

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