

## WORK EXPERIENCE

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 **FONDAZIONE SANTA LUCIA IRCCS – ROME, ITALY**

**RESEARCH FELLOWSHIP IN NEUROSCIENCE – 01/01/2024 – 31/07/2025**

- Participation in the conduct of the project: "Integrating cannabinoids into the treatment of posttraumatic stress disorder: exploring mechanisms of amygdala-hippocampal communication during importation contextualization" (GR-2019-12369216)
- Functional neuroimaging (fMRI) data collection and analysis;
- Analysis of fMRI functional connectivity;
- Collection and analysis of psychophysical and behavioral data;
- Administration, scoring and interpretation of psychometric tests, pertaining to the project "Leveraging the neural circuits of hypermemory to ameliorate memory dysfunction in prodromal Alzheimer's disease" cod. RF19.67S funded by the Ministry of Health.
- Volunteer recruitment and appointment management
- EEG cap montage and EEG signal recording (Brain Products ActiChamp 64ch)

 **FONDAZIONE SANTA LUCIA IRCCS – ROME, ITALY**

**TRAINEESHIP IN NEUROIMAGING LABORATORY – 01/03/2023 – 01/10/2024**

- Participation in the conduct of the project: "Integrating cannabinoids into the treatment of posttraumatic stress disorder: exploring mechanisms of amygdala-hippocampal communication during importation contextualization" (GR-2019-12369216)
- Recruitment and scanning of about 28 subjects for the fMRI experiment
- Preprocessing, first- and second-level analysis of fMRI data using SPM and CONN
- Study and interpretation of fMRI data
- Administration of the experimental task "Cold Pressor Test"
- Administration of aversive stimuli (electric shocks)
- Administration of psychological tests; PANAS, BIS-BAS and STAI
- Thesis writing on the following topic "Connectivity of the hippocampus and amygdala in the modulation of stress in humans: a functional neuroimaging study"

## EDUCATION

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2019 – 2023

**Master's Degree in Neurobiology**

Sapienza University of Rome

Final grade: 101/110

Thesis: Connectivity of the hippocampus and amygdala in stress modulation in humans: a functional neuroimaging study

2014 – 2017

**Bachelor's Degree in Biological Sciences**

Sapienza University of Rome

Final grade: 100/110

Thesis: NMDA receptors and Schizophrenia

## PUBLICATIONS

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2025

**Reduced Theta and Alpha power during autobiographical memory retrieval in an individual with Highly Superior Autobiographical Memory**

Publication date: 2025/7/1

Publication: International Journal of Psychophysiology

Volume: 213

Pages: 113114

Publisher: Elsevier

Authors: Tiziana Pedale, Sarah Daviddi, Fabrizio Parente, Ilaria Cipriani, Patrizia Campolongo, Sabrina Fagioli, Rob van der Lubbe, Valerio Santangelo

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**A functional neuroimaging study of hippocampal and amygdala connectivity in human stress modulation (submitted)**

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Authors: Parente, F., Pedale, T., Cipriani, I., Morena, M., Santangelo, V.

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**Searching for the roots of Highly Superior Autobiographic Memory: An investigation of self-prioritization effects (submitted)**

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Authors: Atzeni, L., Cipriani, I., Pedale, T., Campolongo, P., Pastore, M., Galfano, G., & Santangelo, V.

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● **SKILLS**

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SPM (Statistical Parametric Mapping) | CONN functional connectivity toolbox | Matlab | Analysis of fMRI functional connectivity

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*La sottoscritta Ilaria Cipriani, ai sensi e per gli effetti degli articoli 46 e 47 e consapevole delle sanzioni penali previste dall'articolo 76 del D.P.R. 28 dicembre 2000, n. 445 nelle ipotesi di falsità in atti e dichiarazioni mendaci, dichiara che le informazioni riportate nel presente curriculum vitae, redatto in formato europeo, corrispondono a verità.*

Terracina , 15/10/2025

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