



Francesco Ceccarelli

Oscurato ai sensi delle linee guida del garante della privacy

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Date of birth: | **Nationality:** | **Gender:** Oscurato ai sensi delle linee guida del garante della privacy
Phone number: Oscurato ai sensi delle linee guida del garante della privacy | **Email address:**

Address: Oscurato ai sensi delle linee guida del garante della privacy

● WORK EXPERIENCE

01/08/2022 – CURRENT Rome

RESEARCH FELLOW DEPARTMENT OF PHYSIOLOGY AND PHARMACOLOGY
VITTORIO ERSPAMER, LA SAPIENZA UNIVERSITY OF ROME

Research Project HUMO ERC 2016 (2014) Grant Agreement 648734 titled “What is everybody doing? Social prediction, categorization, and monitoring in the Prefrontal Cortex of the Macaque adopting a new human monkey (H M) interactive paradigm”

31/10/2018 – 31/01/2022 Roma, Italy

PHD STUDENT DIPARTIMENTO DI FISIOLOGIA E FARMACOLOGIA VITTORIO ERSPAMER

Supervisor: Prof. Aldo Genovesio

26/03/2017 – 30/10/2018 Rome, Italy

INTERNSHIP BEHAVIOURAL NEUROPHYSIOLOGY

Behavioral Neurophysiology Lab, Department of Physiology and Pharmacology “Vittorio Erspamer”, University of Rome “Sapienza”, Supervisor Prof. Aldo Genovesio

During the period of my internship, I perform behavioural and electrophysiology experiments with human and non-human primates. I acquired the following skills and experiences for research:

- Programming skills with MATLAB for data analysis, the organisation of data, data mining, statistical analysis and data plotting.
- Programming skills with C language to develop, design and execution of neurophysiological and behavioural tasks with CORTEX.
- I develop a learning task (with Cortex) to study the different cognitive strategies in the individual and social learning. I enrolled the participants, collected and analysed the data.
- I contributed to building a new experimental set up composed by a touchscreen monitor, a reward system and Monkey Logic a MATLAB-based software tool used for the design and execution of psychophysical tasks.

● EDUCATION AND TRAINING

12/05/2019 – 16/05/2019 Gottinga, Germany

RESEARCHER QUALIFIED TO WORK WITH NON-HUMAN PRIMATES FELASA:

Laboratory Animal Course on Primates Accredited Course 057/17

German Primate Center

Primate Handling and Training

30/09/2012 – 02/03/2017 Rome, Italy

MASTER'S DEGREE IN "COGNITIVE NEUROSCIENCE AND PSYCHOLOGICAL REHABILITATION"

Faculty of Medicine and Psychology "La Sapienza" of Rome.

Thesis: "*A chronic stress condition produces a reversal learning deficit in mice characterised by genetic impulsivity*", Supervisor Prof.ssa Simona Cabib, Sapienza University.

Final Grade: 110/110

Level in EQF EQF level 7

24/03/2014 – 30/09/2015 Rome, Italy

INTERNSHIP PSYCHOBIOLOGY AND PSYCHOPHARMACOLOGY

Laboratory of 'Developmental Psychobiology' Department of Psychology, University of Rome "Sapienza", Supervisor Prof.ssa Simona Cabib.

I have worked on animal models to develop my master's thesis. I acquired the following research skills:

- Gathering behavioural data with video tracking software EthoVision.
- Statistical analysis with SPSS and R software.

And I used the following Staining Techniques and Behavioral Tests:

- Porsolt Test (Forced Swim Test)
- Morris Water T-Maze
- Immunohistochemistry

30/09/2008 – 17/09/2012 Rome, Italy

BACHELOR'S DEGREE IN "SCIENZE E TECNICHE PSICOLOGICHE PER L'ANALISI DEI PROCESSI COGNITIVI NORMALI E PATOLOGICI"

Faculty of Medicine and Psychology "La Sapienza" of Rome.

Thesis: "*Genetic polymorphisms and Cognition*", Supervisor Prof.ssa Maria Teresa Fiorenza, Sapienza University.

Final Grade: 103/110

Level in EQF EQF level 6

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● ADDITIONAL INFORMATION

JOB-RELATED SKILLS

Job-related skills

- Matlab (excellent knowledge)
- C/C++ languages (good knowledge)
- Software for Neurophysiology CORTEX (excellent knowledge)
- SPSS (good knowledge) and R (basic knowledge)
- Software for Neurophysiology Monkey Logic (excellent knowledge)
- Office package (excellent knowledge)
- Adobe illustrator (basic knowledge)

PUBLICATIONS

[Macaque monkeys learn and perform a non-match-to-goal task using an automated home cage training procedure](#)

- 2021

[Dedicated representation of others in the macaque frontal cortex: from action monitoring and prediction to outcome evaluation](#)

- 2022

[Neural Representation of Others during Action Observation in Posterior Medial Prefrontal Cortex](#)

- 2022

[Social monitoring of actions in the macaque frontopolar cortex](#) - 2022

[The transitive inference task to study the neuronal correlates of memory-driven decision making: A monkey neurophysiology perspective](#)

- 2023

Il sottoscritto dichiara di essere consapevole che il presente curriculum vitae sarà pubblicato sul sito istituzionale dell'Ateneo, nella Sezione "Amministrazione trasparente", nelle modalità e per la durata prevista dal d.lgs. n. 33/2013, art. 15.

Data 06/07/2023

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