europass

Francesco Ceccarelli

Oscurato ai sensi delle linee guida del garante della privacy

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

Email address: Oscurato ai sensi delle linee guida del garante della privacy

Phone number:

Gender: Male **Date of birth:** **Nationality:** Italian

WORK EXPERIENCE

[01/11/2018 – 31/01/2022] **Phd Student**

Dipartimento di Fisiologia e Farmacologia Vittorio Erspamer

Address: Roma, Italy

[27/03/2017 – 31/10/2018] **INTERNSHIP Behavioural Neurophysiology**

Address: Rome, Italy
Main activities and responsibilities:
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

[13/05/2019 – 17/05/2019] **Researcher qualified to work with non-human primates**

FELASA: Laboratory Animal Course on Primates Accredited Course 057/17 German Primate Center

Address: Gottinga, Germany
Main subject / occupational skills covered:
Primate Handling and Training

[01/10/2012 – 03/03/2017]

Master's Degree in "Cognitive Neuroscience and Psychological Rehabilitation"

Address: Rome, Italy
Level in EQF: EQF level 7
Main subject / occupational skills covered:
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

[25/03/2014 – 01/10/2015]

INTERNSHIP Psychobiology and Psychopharmacology

Address: Rome, Italy
Main subject / occupational skills covered:
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

[01/10/2008 – 18/09/2012]

Bachelor's Degree in "Scienze e tecniche psicologiche per l'analisi dei processi cognitivi normali e patologici"

Address: Rome, Italy
Level in EQF: EQF level 6
Main subject / occupational skills covered:
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

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

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

[2021]

Macaque monkeys learn and perform a non-match-to-goal task using an automated home cage training procedure

https://www.nature.com/articles/s41598-021-82021-w

[2022]

Dedicated representation of others in the macaque frontal cortex: from action monitoring and prediction to outcome evaluation

https://academic.oup.com/cercor/article/32/4/891/6357176?login=true

[2022]

Neural Representation of Others during Action Observation in Posterior Medial Prefrontal Cortex

https://academic.oup.com/cercor/advance-article-abstract/doi/10.1093/cercor/bhab499/6512089

Date: 16/05/2022

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