

**PERSONAL INFORMATIONS**

Name
Date of Birth
Nationality
Telephone
E-mail
Skype Adress
Adress

Sartini Alice

EDUCATION

- **International master's degree in Neuroscience** at the University of Trieste (October 2020-March 2023),
Dissertation/thesis title: Developmental changes in markers of the endocannabinoid system activity in the valproic acid rat model of autism are rescued by fenofibrate treatment during adolescence.
Thesis supervisors: Prof. Cesca Fabrizia and Prof. Gambarana Carla
Final grade: 110/110 cum laude Graduation date: 20/03/2023

This project included an 8 months internship period at the University of Siena, in the Molecular and Developmental Medicine department.

- **Bachelor's degree in biological sciences** - University of URBINO 'Carlo BO' (October 2017- October 2020)
Dissertation/thesis title: The role of neuroplasticity in depression
Thesis supervisor: Prof. Ambrogini Patrizia
Final grade: 110/110 Graduation date: 06/10/2020.

In this project, I examined the impact of distress and negative stimuli on neural plasticity in different areas of the brain in depressed patients and animal models. I also investigated the impact of current therapies, such as SSRIs and physical exercise, on neural plasticity, through the involvement of BDNF signaling.

- **European Union program (Erasmus+ for studies): 6 months experience at the University of Malaga (2019).**
- Graduated in 2017 from 'Liceo Scientifico Laurana- Baldi'.

WORK EXPERIENCE

- **Research grant** at the University of Siena, Department of Molecular and Developmental Medicine (January 2023- July 2023) on the project "Characterization of the effects of a fenofibrate treatment in a mouse model of autism".
- **Internship** at the University of Siena, Department of Molecular and Developmental Medicine working on the master's thesis project on

rodent models of autism spectrum disorders (April – December 2022).

- **Internship** at the Clinical laboratory of the 'S. Maria della Misericordia' hospital of Urbino (September - October 2019).
- Worked as a librarian for the University of Urbino as winner of the 200 hours project for several months between 2019-2020.
- Training course on the protection of animals used for scientific purposes at the University of Siena (June 2023).
- Animal experimentation class: "Scienza degli animali da laboratorio e bioetica" at the University of Siena (2022).
- Physics and Maths Tutoring (2017-2022).
- Work safety course: general safety; biological and chemical risks; specific risks at the University of Urbino 'Carlo Bo' (2020).
- Temporary volunteer for the Red Cross during the COVID-19 pandemic crisis (2020).
- Winner of the study award for deserving students at the University of Urbino 'Carlo Bo' (2019).
- Blood donor for AVIS (since 2016).
- Summer study experience in London with AVEC education (2015).
- Concorde International Summer school at Kent College in Canterbury-UK (2013).

EXTRACURRICULAR ACTIVITIES AND OTHERS

NATIVE LANGUAGE

Italian

OTHER LANGUAGES

ENGLISH: C1

Cambridge English level 2 certificate in ESOL International (Advanced) - University of Cambridge (May 2016)

[READING: C2; LISTENING: C1; WRITING: B2; SPEAKING: C1; USE OF ENGLISH: C1].

SPANISH: B2

TECHNICAL EXPERTISE

Animal handling; behavioral tests on murine and rat models of psychiatric and neurodevelopmental disorders, including the use of self-administration protocols; dissection of specific areas in rat and mouse brain; mouse genotyping; electrophoresis; protein extraction and quantification; Western Blot; DNA extraction and quantification; PCR; Immunoprecipitation (IP); statistical

DIGITAL SKILLS	data analysis; solutions preparation. GraphPad Prism software for statistical analysis; scientific literature databases and motor research programs; Office package (Word; PowerPoint; Outlook; Excel; Teams).
DRIVING LICENSE	B

In compliance with the Italian legislative Decree no. 196 dated 30/06/2003, I hereby authorize you to use and process my personal details contained in this document.