

## Curriculum Vitae

- **PERSONAL INFORMATION**

**Name:** Alessia

**Surname:** Pattaro

**Place and date of birth:** Torino (TO, Italia), 20/11/1997

**Citizenship:** Italian

**E-mail:** [alessia.pattaro@unito.it](mailto:alessia.pattaro@unito.it) [alessia.pattaro@edu.unito.it](mailto:alessia.pattaro@edu.unito.it)

**Lab address:** Adult Neurogenesis Lab – Neuroscience Institute Cavalieri Ottolenghi (NICO) - Regione Gonzole 10, Orbassano (Turin, Italy)

**Web:** [Alessia Pattaro / Ricercatori / Neurogenesi adulta / Gruppi di ricerca / Ricerca / Home - Nico \(unito.it\)](#)



- **CURRENT POSITION**

11/2023 – present      PhD student in Veterinary Science for Animal Health and Food Safety (XXXVIII cycle) at the University of Turin (UniTO; Italy)

- **EDUCATION**

08/04/2022      Master Degree in Cellular and Molecular Biology - neurobiological tract (Im-6)  
Department of Life Sciences and Systems Biology, University of Turin, Italy  
Grade: 110/110  
Title of Master Degree Thesis: Morphometric analysis of glial and neuronal cells of the adult hippocampal dentate gyrus in a mouse model of the neurodevelopmental disorder BBSOAS  
Supervisors of Master Degree Thesis: Silvia De Marchis, Sara Bonzano

18/07/2019      Bachelor Degree in Biology - cellular and biomolecular curriculum (I-13)  
Department of Life Sciences and Systems Biology, University of Turin, Italy  
Title of Bachelor Degree Thesis: The debate about the presence of adult hippocampal neurogenesis in human  
Supervisor of Bachelor Degree Thesis: Silvia De Marchis

- **PROFESSIONAL TRAININGS**

- 02/2024 – 04/2025    Period abroad for the PhD project in Chet Sherwood's lab of Evolutionary Neuroscience (George Washington University, Washington DC, USA)
- 09/2022 – 11/2022    Internship in Frank Kirchhoff's lab of Molecular Physiology at Universität des Saarlandes, Homburg (Germany) - Erasmus+ Traineeship Program
- 03/2021 – 04/2022    Internship in Bonfanti Luca and Peretto Paolo's lab of Adult Neurogenesis at Neuroscience Institute Cavalieri – NICO; Orbassano (TO) – Italy
- 19-21/10/2021        Training Course: Imaris Smart Lunches Virtual Week  
Speaker: Georgia Golfis, PhD and Regional Sales Engineer  
Imaris, An Oxford Instruments Brand; Springvale Business Park, Belfast, UK  
Web: [Microscopy Image Analysis Software - Imaris - Oxford Instruments \(oxinst.com\)](https://oxinst.com)
- 03/2019 – 06/2019    Internship at Clinical Biochemistry Department - Molinette Hospital, Corso Bramante 88 - TORINO (TO) Italy
- 07/ 2015              Internship at Pediatrics and Neonatology Department - Ciriè's Hospital - CIRIÈ (TO) Italy

- **FELLOWSHIPS**

- 11/2022 – 11/2025    PhD fellowship for the Research Doctorate in Veterinary Science for Animal Health and Food Safety
- 09/2022 – 11/2022    Erasmus+ Scholarship winner – call 2021 – Erasmus+ Traineeship Program - University of Turin  
Two-month Erasmus+ Traineeship grant (September-November 2022): I carried out the internship in the Kirchhoff's laboratory under the supervision of A. Scheller at the Molecular Physiology Department (Universität des Saarlandes, Homburg (Germany)) to improve my technical skills linked with neuroscience field.

- **CONGRESSES**

- 6-8/05/2025            Title of presentation: Cortical immature neuron density in mammals covaries with brain size and neocortical expansion: evidence from dog, horse, and macaque  
Authors: **Alessia Pattaro**, Marco Ghibaudi, Chiara Corrente, Madison Hillegas, Madeline Bramel, Chet C. Sherwood, Luca Bonfanti

Title of Conference: 11th European Conference of Comparative Neurobiology (ECCN), San Juan, Alicante (Spain)

08/11/2024

Title of presentation: DCX-positive layer II cortical immature neurons in mammals covaries with brain size: new data from dog, horse, and macaque

Authors: **Pattaro A.**, Ghibaudi M., Chet C. Sherwood, Bonfanti L.

Title of Conference: Greater Baltimore Society for Neuroscience (GBSfN) Baltimora (U.S.A.)

24-25/11/2023

Title of presentation: Immature neuron distribution and density in dogs

Authors: **Pattaro A.**, Ghibaudi M., Corrente C., Bonfanti L.

Title of Conference: Gruppo Italiano per lo Studio della Neuromorfologia (GISN)

Verona (Italy)

14-17/09/2023

Title of Poster: Distribution and density of DCX-positive "immature" neurons in Beagle dogs

Authors: **Pattaro A.**, Ghibaudi M., Bonfanti L.

Title of Conference: National Congress of the Italian Society for Neuroscience (SINS)

Turin (Italy)

11-15/04/2022

Title of Poster: Morphological characterization of adult-born hippocampal neurons in a mouse model of the neurodevelopmental disorder BBSOAS

Authors: Dallorto E., Bonzano S., **Pattaro A.**, Studer M., De Marchis S.

Title of Conference: Jacques Monod Conférence: Genetics, environment, signaling, & synaptic plasticity in developmental brain disorders: from bench to bedside

Roscoff (France)

06-09/04/2022

Title of Poster: Morphological characterization of adult-born hippocampal neurons in a mouse model of the neurodevelopmental disorder BBSOAS

Authors: Dallorto E., Bonzano S., **Pattaro A.**, Studer M., De Marchis S.

Title of Conference: National Congress of the Italian Society of Experimental Biology (SIBS) 2022

Turin (Italy)

- **LANGUAGE SKILLS**

Native speaker: Italian

Other language(s): English (B2), German (A1)

- **DIGITAL SKILLS**

Operative Systems & Microsoft Products: Windows Operating System | Microsoft Office (Word, Powerpoint, Excel)

Image processing software & graphics: ImageJ/Fiji, Inkscape, Imaris

Data analysis software: GraphPad, RStudio

- **CERTIFICATIONS:**

03/05/2022 OLS English language assessment  
Level B2, according to the Common European Framework of Reference for Languages (CEFR)

03/2016 English First Certificate in English (FCE), University of Cambridge

14/05/2015 ECDL Base: AICA