

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 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 – present 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 \(oxinst.com\)](http://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**

- 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