



Giulia Salamanca

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Gender: Female **Date of birth**: 09/03/1994 **Nationality**: Italian

ABOUT ME

Researcher in the field of neuroanatomy with eight years of experience. My dream is to pursue my research interests, which include studying the central and peripheral nervous system from a microscopic and functional perspective across various animal species of veterinary interest.

WORK EXPERIENCE

[01/11/2024 – Current]

Post-doc fellowship

Dipartimento di Medicina Traslazionale e per la Romagna-Università degli studi di Ferrara

City: Bologna | **Country**: Italy

- Involvement in the project: Chronic Intestinal Pseudo-obstruction (CIPO): Neuroanatomical and molecular characterization of the Rad21-mutated murine model - Pr. Telethon GMR23T1033 CUPF73C23001110007.
- Collection of the enteric nervous system using the wholemount technique.
- Immunofluorescence analysis.
- Qualitative and quantitative analyses of neuronal populations.

[05/10/2023 – 31/10/2024]

Collaboration in the research project PRIN 2022 "Deep Sea elasmobranchs as environmental pollution sentinels in the MEDiterranean (DEEP-MED) "

Dipartimento di Scienze Mediche Veterinarie-Università degli studi di Bologna

City: Bologna | **Country**: Italy

- Collection of elasmobranch brain tissue.
- Immunohistochemistry and immunofluorescence analyses.
- Qualitative and quantitative analyses of different neuronal populations and brain areas.

[01/11/2021 – 31/10/2024]

PhD in Veterinary Neuroanatomy

Dipartimento di Scienze Mediche Veterinarie dell'Università degli Studi di Bologna <https://scienzemedicheveterinarie.unibo.it/it/dipartimento/servizi-didattici-scientifici-al-territorio/servizio-di-anatomia-e-fisiologia-anfi/anatomia-normale-veterinaria-anv>

City: Bologna | **Country**: Italy | **Name of unit or department**: Servizio di Anatomia Normale Veterinaria | **Business or sector**: Professional, scientific and technical activities

- Collection, fixation, and cryopreservation of animal tissues (Central and Peripheral Nervous System; Enteric Nervous System).
- Usage of microtome and cryostat equipment.
- Application of histological and immunohistochemical techniques.
- Microscopic imaging acquisition and processing (optical and fluorescence microscopy).
- ImageJ-based qualitative and quantitative analyses.
- Statistical analysis.
- Coordination of research projects and lab material procurement.
- Co-supervision of experimental thesis projects.
- Bibliographic research and publication of scientific articles.
- Collaboration with other research groups and participation in seminars and scientific conferences.

[15/03/2024 – 15/06/2024]

Research Abroad Neuroethology of Communication Lab-Department of Ethology

Eotvos Lorand University

City: Budapest | **Country:** Hungary

- Neuroimaging techniques such as fMRI and data analysis using Mricron, CONN, and 3DSlicer to study canine amygdaloid complex connections and volumetric differences.
- General principles of canine EEG.

[01/03/2023 – 01/04/2023] **Erasmus for traineeship-Institute of Molecular Medicine (IMM)**

Universidade de Lisboa

City: Lisbona | **Country:** Portugal

Visiting researcher in neuroscience labs, gaining experience in electrophysiology, cell culture, and behavioural studies.

[30/09/2016 – 31/10/2021] **Veterinary Neuroanatomy Intership**

Dipartimento di Scienze Mediche Veterinarie dell'Università degli Studi di Bologna

City: Bologna | **Country:** Italy

- Collection, fixation, and cryopreservation of animal tissues (Central and Peripheral Nervous System).
- Histological and immunohistochemical techniques.
- Optical and fluorescence microscopy usage.
- Writing of a master thesis titled: "Distribution of the CB1 receptor in the lateral nucleus of the canine amygdaloid complex."

[01/01/2019 – 01/10/2019] **Tutor for Internalization**

Dipartimento di Scienze Mediche Veterinarie dell'Università degli Studi di Bologna <https://site.unibo.it/erasmusvet/it>

City: Bologna | **Country:** Italy | **Business or sector:** Professional, scientific and technical activities

- Assistance to incoming and outgoing students.
- Management of interviews and satisfaction questionnaires.
- Website maintenance for Erasmus.vet.
- Support in housing searches.

[01/09/2017 – 01/03/2018] **Erasmus+ Vateriaary Medicine Faculty Jelgava**

Latvia University of Life Sciences and Technologies

City: Jelgava | **Country:** Latvia

[01/10/2017 – 01/03/2018] **Internship in Veterinary Clinic Faculty of Veterinary Medicine in Jelgava**

City: Jelgava | **Country:** Latvia

EDUCATION AND TRAINING

[01/03/2023 – 01/04/2023] **Academic English Skills - AcES - course at level Advanced**

Centro Linguistico di Ateneo in Bologna (the University Language Centre)

City: Online | **Country:** Italy |

[17/11/2022 – 17/11/2022] **Veterinary Practice License**

Università degli Studi di Bologna

City: Bologna | **Country:** Italy |

[26/04/2022 – 26/09/2022] **Master Medical Cannabis in Veterinary Medicine**

Cannabiscienza <https://cannabiscienza.it/prodotto/master-cannabis-medica-veterinaria/>

City: Online |

[14/05/2015 – 16/07/2021] **Master Degree in Veterinary Medicine**

Università degli Studi di Bologna <https://scienzemedicheveterinarie.unibo.it/it>

City: Bologna | **Country:** Italy |

[04/09/2008 – 01/07/2013] **Scientific High School Diploma**

Liceo Scientifico V.Emanuele III <https://www.liceostatalepatti.edu.it/>

City: Patti | **Country:** Italy |

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING C1 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

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

DIGITAL SKILLS

My Digital Skills

Padronanza del Pacchetto Office (Word Excel PowerPoint ecc) | Social Network | Posta elettronica | Mac | 3DSlicer | CONN | Mricron | Whatsapp | Gmail | Gestione PDF | Windows | GoogleChrome | Elaborazione delle informazioni | Risoluzione dei problemi | Instagram | Gestione autonoma della posta e-mail | ImageJ | Android | Zotero

PUBLICATIONS

- [2024] [Distribution of calcium-binding proteins immunoreactivity in the bottlenose dolphin entorhinal cortex](#)
Reference: Graïc, J-M; Grandis, A; Sacchini, S; Tagliavia, C; Salamanca, G; Cozzi, B; Bombardi, C
- [2024] [Distribution of vasoactive intestinal peptide \(VIP\) immunoreactivity in the rat pallial and subpallial amygdala and colocalization with \$\gamma\$ -aminobutyric acid \(GABA\)](#)
Reference: Salamanca, G.; Tagliavia, C.; Grandis, A.; Graïc, J. M.; Cozzi, B.; Bombardi, C.,
- [2023] [Connections of the sheep basolateral amygdala: A diffusion tensor imaging study](#)
Reference: Graïc, J.M.; Tagliavia, C.; Salamanca, G.; Gerussi, T.; Grandis, A.; Cozzi, B.; Bombardi, C.
- [2023] [Endocannabinoid System Receptors at the Hip and Stifle Joints of Middle-Aged Dogs: A Novel Target for the Therapeutic Use of Cannabis sativa Extract in Canine Arthropathies](#)
Reference: Zamith Cunha, R; Salamanca, G; Mille, F;...; Piva, G; Gramenzi, A; Chiocchetti, R
- [2023] [Expression of cannabinoid \(CB1 and CB2\) and cannabinoid-related receptors \(TRPV1, GPR55, and PPAR \$\alpha\$ \) in the synovial membrane of the horse metacarpophalangeal joint](#)
Reference: Zamith Cunha, R; Zannoni, A; Salamanca, G;...; Gramenzi, A; Forni, M; Chiocchetti, R
- [2023] [Expression of Cannabinoid Receptors in the Trigeminal Ganglion of the Horse](#)
Reference: Zamith Cunha, R; Semprini, A; Salamanca, G; Gobbo, F;...; Pickles, K.J.; Roberts, V; Chiocchetti, R
- [2023] [The use of cannabidiol as a novel treatment for oral stereotypic behaviour \(crib-biting\) in a horse](#)
Reference: Cunha, R Z; Felisardo, L L; Salamanca, G; Marchioni, G G; Neto, O I; Chiocchetti, R
- [2022] [Cannabinoid receptors in the inflammatory cells of canine atopic dermatitis](#)
Reference: Chiocchetti R.; Salamanca G.; De Silva M.; ...; Galiazzo G.; Tagliavia C.; Sarli G.; Morini M.
- [2022] [Ex vivo ultrasonographic and histological morphometry of small intestinal wall layers in horses](#)
Reference: Diana, A; Freccero, F; Giancola, F; Linta, N; Pietra, M;.; Salamanca, G; Cipone, M; Chiocchetti, R.
- [2022] [Immunohistochemical Distribution of Serotonin Transporter \(SERT\) in the Optic Lobe of the Honeybee, Apis mellifera](#)
Reference: Bombardi C.; Salamanca G.; Tagliavia C.; Grandis A.; Mille F.; De Iorio M.G.; Minozzi G.
- [2021] [Anatomical organization of the lateral cervical nucleus in Artiodactyls](#)

Reference: Grandis A.; Gardini A.; Tagliavia C.; Salamanca G.; Graic J.-M.; De Silva M.; Bombardi C.

[2021] [**Nitregic and Substance P Immunoreactive Neurons in the Enteric Nervous System of the Bottlenose Dolphin \(*Tursiops truncatus*\) Intestine**](#)

Reference: Bombardi C, Rambaldi AM, Galiazzo G, Giancola F, Graic JM, Salamanca G, Cozzi B, Chiocchetti R

CONFERENCES AND SEMINARS

[22/11/2024 – 23/11/2024] **XXXIV CONGRESSO GISN 2024** Catania

Oral communication dal titolo: "AN ANATOMICAL STUDY ON THE ATYPICAL SOM+ NEURONS"

Link: <https://gisn.it/docs/attach/convegna/programma-xxxiv-congresso-gisn-1732017507.pdf>

[18/11/2024 – 20/11/2024] **2nd RESTART Camp on Soft Skills** Bologna

Critical Thinking, Creative Problem Solving, Orientation to Goals: *A Soft Skills 4 Research (S²4R) Initiative*

Link: https://wilab.cnit.it/activities/2nd-restart-camp_soft-skills/

[12/06/2024 – 14/06/2024] **77° Congresso della Federazione Italiana delle Società Scientifiche di Medicina Veterinaria-SISVET**

Parma-Italia

Oral communication dal titolo: "Where do the atypical somatostatin long-range projections go in the brain? A neuroanatomical study"

Link: <https://www.sisvet.it/congresso/>

[14/10/2023 – 18/10/2023] **9th Mediterranean Neuroscience Society Congress** Carthage-Tunisi

Organizzatrice del Simposium: "Neurobiology of Social Cognition in Animal Kingdom"

Relazione dal titolo: "Where do the atypical somatostatin long-range projections go in the brain? A neuroanatomical study"

Link: https://www.medneuroscisociety.org/mns2023_info

[21/06/2023 – 23/06/2023] **76° Congresso della Federazione Italiana delle Società Scientifiche di Medicina Veterinaria-SISVET**

Bari-Italia

Oral communication dal titolo: "Distribution of vasoactive intestinal peptide(VIP) immunoreactivity in the rat pallial and subpallial amygdala and colocalization with with γ -aminobutyric acid"

Link: https://www.sisvet.it/new/wp-content/uploads/2023/09/Book_Integrale_def_SISVET_76.pdf

[29/05/2022 – 02/06/2022] **8th Mediterranean Neuroscience Society Congress** Dubrovnik-Croatia

Partecipazione come auditrice

Link: https://www.medneuroscisociety.org/dubrovnik_2022

[01/11/2021 – 09/05/2024] **Seminars** Bologna

- Il sistema gestione qualità nell'attività di ricerca (4h)
- Study Design (2h)
- Laboratorio di statistica (8h)
- Publish, not perish: la ricerca e il sistema peer review (2h)
- Etica e Benessere animale, i dilemmi nell'impiego degli animali a fini scientifici ed educativi (2h)
- Scientific writing and referring skills (3h)
- Programmi europei di finanziamento: Horizon Europe, Interreg e Life (3h)
- Antimicrobico resistenza: Medicina Umana e Medicina Veterinaria a confronto (3h)
- La ricerca bibliografica, la bibliometria e la gestione delle citazioni (3h)
- Stampa 3D in Medicina Veterinaria: le nuove frontiere della Medicina personalizzata (2h)

[04/05/2019 – 27/11/2019] **Conferences** Bologna, Roma

- Il silenzio delle parole: i diversi linguaggi degli animali; 26/10/19-27/10/19, Bologna
- Etico Scienza; 04/05/2019-05/05/2019, Roma

SOCIAL AND POLITICAL ACTIVITIES

[01/09/2022 – Current] **PhDs representatives in Student Council UNIBO** Bologna

[01/09/2022 – Current] **PhDs representatives in Academic Senate Unibo** Bologna

[01/09/2022 – Current] **Member Coordinator of Associazione Dottorandi e Dottori di Ricerca Italiani (ADI)** Bologna

[01/11/2021 – Current] **Member of the teaching board of the PhD in Veterinary Medical Sciences** Bologna

[01/05/2017 – 01/05/2022]

Member, Vice-President, Exchange Officer e Trustee of IVSA (International Veterinary Students' Association) Bologna

Bologna

HONOURS AND AWARDS

[25/04/2022] **Winner of the scholarship aimed at providing the "Medical Cannabis in Veterinary Medicine" course**

Awarding institution: Cannabiscienza

[13/06/2024] **Winner of the SISVET 2024 Young Researchers Award Awarding institution:** SISVET

For the scientific work titled: Distribution of vasoactive intestinal peptide (VIP) immunoreactivity in the rat pallial and subpallial amygdala and colocalization with γ -aminobutyric acid. Salamanca G., Tagliavia C., Graic J.M., Grandis A., Bombardi C.

Link: <https://www.sisvet.it/premi/>

[05/07/2024] **Winner of the Marco Polo tender Awarding institution:** Università degli Studi di Bologna

To carry out research activities abroad at the Neuroethology of Communication Lab, Department of Ethology, Eotvos Lorand University, Budapest with a project entitled: "Volumetric and connectivity aspects of the canine amygdaloid complex: an fMRI study" and "General EEG principles on the canine brain"

[23/11/2024] **Winner of the 2024 GISN Young Researchers Award Awarding institution:** Gruppo Italiano per lo Studio della Neuromorfologia

For the oral communication: "AN ANATOMICAL STUDY ON THE ATYPICAL SOM+ NEURONS"

Link: <https://gisn.it/docs/attach/convegni/programma-xxxiv-congresso-gisn-1732017507.pdf>

DRIVING LICENCE

Motorbikes: AM

Cars: B

HOBBIES AND INTERESTS

Singer

Creation of objects and jewels in polymer clay

Link: <https://www.facebook.com/profile.php?id=100064323204301>

Autorizzo il trattamento dei miei dati personali presenti nel CV ai sensi dell'art. 13 d. lgs. 30 giugno 2003 n. 196 - "Codice in materia di protezione dei dati personali" e dell'art. 13 GDPR 679/16 - "Regolamento europeo sulla protezione dei dati personali".

Bologna, 08/01/2025