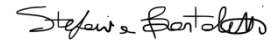


DICHIARAZIONE SOSTITUTIVA DI CERTIFICAZIONE E DELL'ATTO DI NOTORIETÀ AI SENSI DEGLI ARTT. 46 E 47 E DEGLI ARTT. 75 E 76 DEL DPR 445/2000 E SUCCESSIVE MODIFICAZIONI ED INTEGRAZIONI.

LA SOTTOSCRITTA STEFANIA BARTOLETTI SOTTO LA PROPRIA RESPONSABILITÀ, AI SENSI E PER GLI EFFETTI DEGLI ARTICOLI 46 E 47 DEL DPR 445/2000, CONSAPEVOLE DI QUANTO PRESCRITTO DAGLI ARTICOLI 75 E 76 DEL MEDESIMO DPR, RISPETTIVAMENTE SULLA RESPONSABILITÀ PENALE PREVISTA PER CHI RENDE FALSE DICHIARAZIONI E SULLA DECADENZA DAI BENEFICI EVENTUALMENTE CONSEGUENTI AL PROVVEDIMENTO EMANATO SULLA BASE DI DICHIARAZIONI NON VERITIERE,


DICHIARA

CHE LE INFORMAZIONI RIPORTATE NEL SEGUENTE CURRICULUM VITAE, REDATTO IN FORMATO EUROPEO, CORRISPONDONO A VERITÀ.



## Stefania Bartoletti




 University of Modena and Reggio Emilia

Department of Biomedical, Metabolic and Neural Sciences

Via Campi, 287

41125, Modena, Italy

**Sex:** Female | **Date of birth:** 24 Oct 1987 Modena (MO, Italy) | **Nationality:** Italian

 (+39) 059 2055667

 [Stefania.bartoletti@unimore.it](mailto:Stefania.bartoletti@unimore.it)

**ORCID:** <https://orcid.org/0000-0002-3729-4722>

**Linkedin:** [linkedin.com/in/stefania-bartoletti-ba326022](https://www.linkedin.com/in/stefania-bartoletti-ba326022)

### WORK EXPERIENCE

**01 November 2022 – Current**

**Research fellow - University of Modena and Reggio Emilia, Modena (Italy)**

Winner of the selection procedure, for titles and interviews, for the award of a junior research grant entitled "Hybrid enhanced regenerative medicine systems- HERMES"-S.S.D. BIO/09 (physiology)-at the Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia, under the supervision of Prof. Giulia Curia

**01 November 2019 – Current**

**PhD Student in Neuroscience - University of Modena and Reggio Emilia, Modena (Italy)**

Winner of the selection procedure, for titles, written examination, and interview, for the allocation of a reserved place for triennial research "Hybrid enhanced regenerative medicine systems- HERMES"-S.S.D. BIO/09 (physiology) at the Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia, as PhD Student in Neuroscience, under the supervision of Prof. Giulia Curia.

The techniques I have acquired are:

- Stereotaxic neurosurgeries for cannulae and epidural/deep electrodes implantation in rodents;
- Murine Neural Stem Cell transplant in rat epileptic brain;
- Setup neurosurgery for rat brain implantation of flexible probes;
- Video-EEG recordings and analysis in rats (Neuralynx and ADInstruments);
- Production of cannulas and electrodes;
- Cell culturing (SH-SY5Y human-derived cell line, neuroblastoma F11 cell line and BV-2 murine microglial cell line);
- Immunohistochemistry techniques;
- Hematoxylin/Eosin staining.

**16 May 2019 – 31 October 2019**

**Research fellow - University of Modena and Reggio Emilia, Modena (Italy)**

Winner of the selection procedure, for titles and interviews, for the award of a junior research grant entitled "Hybrid enhanced regenerative medicine systems- HERMES"-S.S.D. BIO/09 (physiology)-at the Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia, under the supervision of Prof. Giulia Curia, where I acquired the following techniques applied in an *in vivo* model:

- Temporal lobe epilepsy model by pilocarpine i.p. injection;
- Analysis/classifications of epileptic seizures according to Racine's scale;
- Handling of the rats
- Stereotaxic neurosurgeries for intracranial infusions;
- Intracardiac perfusion with fixative, brain extraction and slicing.

**20 July 2018 – 12 April 2019**

**Internship for Master's degree - University of Modena and Reggio Emilia, Modena (Italy)**

I have carried out the internship for a master's degree to attain the title of "Master in Experimental and Applied Biology" in the laboratory of the Dott. Lorenzo Corsi, acquiring expertise in cellular biology techniques related to the maintenance, treatment, and manipulation of different cell lines (U87MG, 1.1B4, K562, Jurkat). I have also acquired techniques such as:

- ELISA;
- Spectrophotometric techniques were used;
- Techniques of freeze-drying;
- Assistance/observer in the execution of Western blots and the development of their membranes.

**April 2010 – 09 April 2014**

**Internship for Bachelor's degree - University of Modena and Reggio Emilia, Modena (Italy)**

I have carried out the internship of triennial degree for the attainment of the title of Doctor in medical biotechnologies in the laboratory of experimental epileptology under the supervision of Prof. Giuseppe Biagini and Prof. Giulia Curia where I worked on in vivo model learning the following techniques:

- Classification of seizures according to the Racine scale;
- Performed immunohistochemical reactions;
- Cutting brains to microtome;
- Image analysis of immunohistochemically reacted sections using the Areanis.mcr programme - Slide mounting;
- Assistance/observer in the creation of the animal model of temporal lobe epilepsy with induction of epileptic state by pilocarpine injection;
- Assistance/observer in the development of neurosurgical techniques for electrode implantation for EEG-video recording;
- Assistance/observer for intracardiac perfusion with fixative and brain extraction.

## EDUCATION

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**Phd in Neuroscience, 2019 – Present**

University of Modena and Reggio Emilia - UNIMORE "Hybrid enhanced regenerative medicine systems-HERMES"

PI: Prof. Giulia Curia

**Master in Experimental and Applied Biology (Class LM-6), 2019**

University of Modena and Reggio Emilia-UNIMORE degree "Study, control and health protection"

Thesis Title "Valutazione dei potenziali effetti antidiabetici di un estratto di semi di phoenix dactylifera varietà *Sukkary in vitro*"

Supervisor: Dott. Lorenzo Corsi

**Grade 110/110 cum Laude**

**Bachelor's degree in Medical Biotechnology (Class L-2), 2014**

University of Modena and Reggio Emilia-UNIMORE

Thesis Title "Effetti protettivi del precondizionamento in un modello di epilessia mesiotemporale"

Supervisors: Prof. G. Biagini and Prof. G. Curia

## CERTIFICATES

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**Ottobre 2022**

Course FAD IZSLER in "ETICA E CONCESSIONE DEI PROGETTI, MODULI 9, 10, 11, DM AGOSTO 2021", Scientific Director: Dr. Guerino Lombardi, **6 ECM** Id Accreditation: 356007

**September 2022**

Course FAD IZSLER in "LEGISLAZIONE NAZIONALE ED ETICA LIVELLO 1, MODULI 1 E 2, DM 5 AGOSTO 2021", Scientific Director: Dr. Guerino Lombardi, **7.5 ECM** Id Accreditation: 353662

**September 2022**

Course FAD IZSLER in "BIOLOGIA E GESTIONE DEGLI ANIMALI DA LABORATORIO, MODULI 3.1, 4, 5, 6.1, 7. DM 5 AGOSTO 2021 RODITORI E LAGOMORFI", Scientific Director: Dr. Guerino Lombardi, **19.5 ECM** Id Accreditation: 354452

**28 October 2021 - Certificate of Attendance**

"Animal Welfare and its Impact on Scientific Research", 1h. Charles River- University of Milan (Italy) online

**13 July 2021 - Certificate of Attendance**

"Corso di formazione complementare per dottorandi" Edition 2021, **20h**. University of Modena and Reggio Emilia-UNIMORE

**31 May 2021 – 14 June 2021**

Training course "Statistical design of experiments" - Olivera Djuric, MD PhD – Academic year 2020-2021, **34h**

University of Modena and Reggio Emilia-UNIMORE

**17 May 2021 - Certificate of Attendance**

“Smart working: conciliazione con la vita familiare, aspetti ergonomici e rischi psicosociali”, 1.5h. University of Modena and Reggio Emilia, Modena (Italy)

**27 April 2021 - Certificate of Attendance**

“Consigli pratici per contrastare lo stress da pandemia attraverso corretti stili di vita”, 1.5h. University of Modena and Reggio Emilia, Modena (Italy)

**08 April 2021 - Certificate of Attendance**

“Riconoscere e contrastare gli effetti psicosociali del Covid-19 per una buona convivenza lavorativa”, 1.5h. University of Modena and Reggio Emilia, Modena (Italy)

**22 October 2020 - Certificate of Attendance**

“SARS-COV-2: cosa è e come utilizzare i Dispositivi di Protezione Individuale”, 1h. SicurMore University of Modena and Reggio Emilia, Modena (Italy)

**21 October 2020- Certificate of Attendance**

“Indicazioni per la prevenzione della Trasmissione COVID-19”, 2h. SicurMore University of Modena and Reggio Emilia, Modena (Italy)

**22 June 2020 - Certificate of Completion**

“COVID-19: Animal Models and Challenges”, 1h. Charles River, online

**21 May 2020 - Certificate of Attendance**

Training event “AUSL-MO Impiego degli animali ai fini scientifici ed educativi – Livello 1”, **29 ECM**. Where I acquired the following techniques applied to rodents: subcutaneous injections, gavage, collecting blood from the rat tail, and restraints techniques for rodents. Ozzano dell’Emilia, University of Bologna, (Italy) (20 January – 11 February 2020).

**15 May 2020 - Certificate of Attendance**

“Aggiornamento n.1 – Promozione della salute”, 2h. SicurMore University of Modena and Reggio Emilia, Modena (Italy)

**26 July 2019 - Certificate of Attendance**

“Valutazione preventiva del dolore e della sofferenza secondo la normativa vigente: dall’allegato VI alla valutazione retrospettiva” 3h. CSSI, University of Modena and Reggio Emilia, Modena (Italy)

**30 May 2019 - Certificate of Attendance**

“Aspetti statistici nella sperimentazione con uso di animali”, 2h. University of Modena and Reggio Emilia, Modena (Italy)

**23 May 2019 “Corso di formazione sulle procedure operative e l’accesso al BioStab”**

University of Modena and Reggio Emilia, CSSI, Modena (Italy)

**05 May 2019 - Certificate of Attendance**

“Gestione delle emergenze primo soccorso”, 3h. SicurMore University of Modena and Reggio Emilia, Modena (Italy)

**08 October 2017 - Certificate of Attendance**

“Formazione specifica per rischio medio”, 4h. SicurMore University of Modena and Reggio Emilia, Modena (Italy)

**29 September 2017 - Certificate of Attendance**

“Formazione specifica per rischio basso”, 4h. SicurMore University of Modena and Reggio Emilia, Modena (Italy)

**25 September 2017 - Certificate of Attendance**

“Formazione generale alla prevenzione e alla sicurezza sul lavoro”, 4h. SicurMore University of Modena and Reggio Emilia, Modena (Italy)

## PRIZES AND AWARDS

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**April 2022**

Winner of FENS-IBRO/PERC Travel Grant for the Federation of European Neuroscience Societies (FENS).  
FENS2022 Paris, France July 9-13, 2022

### 26 November 2020

Certificate of Attendance in the *Public Speaking & Presentation Making* "EROI - S3 PhD Video Contest", organized by ART-ER "Attractiveness Research Territory-Emilia Romagna" and EROI "Emilia-Romagna Open Innovation", **16h**

### 09 June 2020

Winner of "S3 PhD VIDEO CONTEST", EROI the S3 Area of ART-ER, an initiative aimed at promoting the talents of our universities

## PUBLICATION

Cerezo-Sanchez M, McGlynn E, **Bartoletti S**, Yalagala BP, Casadei Garofani B, Capodiferro A, Russell E, Palazzolo G, Walton F, Curia G, Heidari H. Bioresorbable Insertion Aids for Brain Implantable Flexible Probes: A Comparative Study on Silk Fibroin, Alginate and Disaccharides. *Advanced NanoBiomed Research*, 2022. **(Under revision)**

## PRESENTATION AT MEETINGS\_ RESEARCH REPORT IN CONFERENCES

Curia G, **Bartoletti S**, Ren E, Casadei Garofani B, Raimondi F, Capodiferro A, Campanelli A, Decimo I, Palazzolo G. "In vivo evaluation of the anti-inflammatory activity of alginate during brain repair in the temporal lobe epileptic rat". 72° National Meeting of Italian Society of Physiology (SIF), Bari (Italy), September 14-16, 2022.

Curia G, **Bartoletti S**, Ren E, Casadei Garofani B, Campanelli A, Ciarpella F, Capodiferro A, Dolci S, Palazzolo G, Decimo I. "Brain repair in Temporal Lobe Epilepsy: an In Vivo Investigation". American Epilepsy Society (AES), Nashville, Tennessee, December 2-6, 2022.

**Bartoletti S**, Ren E, Raimondi F, Della Rosa G, Campanelli A, Decimo I, Palazzolo G, Curia G. "In vivo evaluation of the anti-inflammatory activity of alginate in the temporal lobe epileptic rat brain". Federation of European Neuroscience Societies (FENS). FENS2022 Paris, France July 9-13, 2022.

Palazzolo G, Della Rosa G, Gostynska N, **Bartoletti S**, Ren E, Leo G, Decimo I, Tirelli N, Curia G. "Magnesium-tailored alginate as a novel biopolymer for brain repair". Tissue Engineering and Regenerative Medicine International Society (TERMIS) 6th World Congress. Maastricht (The Netherlands), 15-19 November 2021.

**Bartoletti S**, Ren E, Della Rosa G, Campanelli A, Raimondi F, Leo G, Dolci S, Decimo I, Palazzolo G, Curia G. "Brain repair in temporal lobe Epilepsy". 71° National Meeting of Italian Society of Physiology (SIF), Milan (Italy), 7-9 September 2021.

Ren E, **Bartoletti S**, Vilella A, Raimondi F, Zoli M, Curia G. "Long-term behavioral and histological profile following CA3 ventral lesion". 71° National Meeting of Italian Society of Physiology (SIF), Milan (Italy), 7-9 September 2021.

**Bartoletti S**, Santana Dos Santos F, Dolci S, Mannino L, Decimo I, Curia G. "Local lesion in ventral CA3 induced by ibotenic acid". Federation of European Neuroscience Societies (FENS) Virtual Forum 2020. July 11-15, 2020.

Santana Dos Santos F, **Bartoletti S**, Dolci S, Fontana E, Decimo I, Curia G. "Minimally invasive surgical strategies to implant cannula in CA3 ventral area". Federation of European Neuroscience Societies (FENS) Virtual Forum 2020. July 11-15, 2020.

## PERSONAL SKILLS

**Mother tongue** Italian

### Other languages

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	

English	B2	B2	B2	B2	B2
French	A2	A2	A2	A2	A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

## SOCIAL SKILLS AND COMPETENCES

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- Very good predisposition to work in a team to reach goals.
- Good listener and communicator.
- Very good organization skills.

## DIGITAL SKILLS

Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Basic user	Basic user	Basic user	Basic user

- Good knowledge of Microsoft OS and Microsoft Office Package (Word, Excel, PowerPoint).
- Good knowledge of Mac OS and Mac Keynote, Pages, and Numbers.
- Basic knowledge of statistical software programs: GraphPad Prism, Origin.
- Good use of platforms for team communication (Google Meet, Zoom, Microsoft Teams, Skype).
- Basic knowledge of Nikon NIS-Element.
- Basic knowledge of EEG acquisition systems: Cheetah (Neuralynx), LabChart (ADInstruments)
- Basic knowledge of EEG analysis systems: LabChart, Persyst.

## DRIVING LICENCE

**B**