

INFORMAZIONI
PERSONALI**Erica Debbi**

| Nazionalità: Italiana

WORK EXPERIENCE

01/2022 - 01/2025

Ph.D. Candidate, Sapienza University of Rome

01/22 – 30/01/25

Ph.D. in Life Sciences (XXXVII cycle) - Sapienza University of Rome.
Affiliation with the Italian Institute of Technology (IIT) Foundation

05/13/24 - 08/13/24

Visiting PhD Student, Université libre de Bruxelles - Full-time.

08/22 - 09/22

Visiting PhD Student, Université libre de Bruxelles - Full-time.

05/17/21 - 12/17/21

Scholarship at the Veneto Institute of Oncology IOV-IRCCS, Urology
Oncology Unit - San Giacomo Hospital.

09/19 - 03/20

University internship at Sapienza University of Rome, Neuroimmunology
Laboratory.Acquisition of basic knowledge of Neurophysiology to study the
gut-brain axis in the context of brain tumors. Thesis on the effect
of short-chain fatty acids on glioma cell growth. Observation of in
vivo experiments.

03/19 - 01/20

Scholarship holder at Sapienza University of Rome. Service at the scientific-
technological area library.

09/18 - 10/18

University internship at the University of Rome "Tor Vergata,"
Department of Biology, Physiology Laboratory. During this period, I was
able to follow some techniques used in the laboratory, actively
participating in experiments involving the purification and
characterization of extracellular vesicles from neuroblastoma cells in
culture.

02/18 - 10/18

Scholarship holder at Tor Vergata University of Rome. Service at the
scientific-technological area library.

EDUCATION AND TRAINING

- Ph.D. _____, Sapienza University of Rome
 PON Ph.D. in Life Sciences (XXXVII cycle) - Sapienza University of Rome.
 Affiliation with the Italian Institute of Technology (IIT).
01/22 - 01/25
- CrestOptics S.p.A
 Collaboration with CrestOptics Spa as part of the PON doctoral project on green topics. Via di Torre Rossa, 66, 00165 Rome, RM (IT).
 01/22-12/24
- 6th Symposium on Stem Cell Research - Research Institute of Molecular Pathology (IMP) and Institute of Molecular Biotechnology (IMBA), Vienna, Austria.
 03/13/21 - 03/15/24
- "Incontri Ravvicinati," 1st National Congress on the rare genetic disease SYNGAP1". Botanical Garden of Rome.
 06/20/23 - 06/21/23
- EpiEpiNet Summer School - Lund, Sweden.
 06/20/22 - 06/24/22
- Master's Degree in Medical Biotechnology (LM-9). Sapienza University of Rome 110/110 cum laude.
 11/18 - 10/23/20
- Bachelor's Degree in Biotechnology (L-2) University of Tor Vergata 108/110.
 10/15 - 10/22/18
- High School Diploma in Scientific Studies Bertrand Russell High School.
 2010 - 2015
- Other experiences and activities:**
01/30/23 - 01/31/23
 Certificate of attendance "From Ramon y Cajal to CryoEM" - Course for Advanced Microscopy Sapienza University
12/01/22 - 12/02/22
 Certificate of attendance "From Linear Regression to Deep Models using Neural Networks" and "Advanced Deep Learning". HP Excellence in Research.
11/14/22 - 11/30/22
 Training Certificate: 1st Accredited course by The Ministry of Health "Pre-clinical experimentation and animal health" Sapienza University
11/14/19 - 11/16/19
 Auditor at BraYn - 2nd Brainstorming Research Assembly for Young Neuroscientists, Mario Negri Institute (Milan).
- Specific training course in "Risk in healthcare facilities" conducted at Unitelma Sapienza for the academic year 2018-2019.
- IATA 62nd Edition v21.1 and ICH GOOD CLINICAL PRACTICE E6 (R2) certifications.
- Seminars:**
 Blitz presentation at EpiEpiNet Summer School 2022: "Optogenetics, Chemogenetics, CRISPR, and epilepsy models" June 20th - June 24th, 2022, BMC, Sölvegatan 17, Lund, Sweden.
- Other:**
25/06/2024 – 29/06/2024 FENS Forum 2024 | International Neuroscience Conference, Wien, Austria
 POSTER PRESENTATION "ANALYSIS OF THE IMPACT OF MNCL2 PRESENT IN

ATMOSPHERIC PARTICULATES ON SYNAPTIC DEVELOPMENT USING BRAIN MODELS BASED ON HIPSCS DERIVED NEURONS"

E. Debbi , C. D'Antoni , F. Cordella , S. Ghirga , N. Baeyens, S. Di Angelantonio,

18/10/2023 – 21/10/2023 EMBO | EMBL Symposium, Heidelberg, Germany
 POSTER PRESENTATION "TISSUE CLEARING TO EXPLORE THE COMPLEXITIES OF THE BRAIN AND ITS COMPONENTS IN 3D MODELS"
E. Debbi, C. D'Antoni, F. Cordella, S. Ghirga, N. Baeyens, S. Di Angelantonio

10/23 EMBO | EMBL Symposium: Organoids: Modelling organ development and disease in 3D culture.

Poster: "Retinal organoids as a valuable investigative tool to explore the role of Tau during retinogenesis". Lorenza Mautone, Alessandro Soloperto, Giorgia Di Gennaro, Erica Debbi, Ylenia Gigante, Federica Cordella, Silvia Di Angelantonio.
 Heidelberg, Vienna (09/2023)

Competitor in the Creative BraYns Contest 2023 1st Edition, Naples (IT) (09/2023).

BraYn Poster Session 09/2023:

"Targeting adenosine A2A receptor in FXS-patient-derived human cortical organoids and cortical culture for animal-free drug discovery and repositioning"

Chiara D'Antoni, Silvia Ghirga, Erica Debbi, Federica Cordella, Lucrezia Tonso, Alberto Martire, Silvia Di Angelantonio.

COMPETENZE PERSONALI

Lingua madre Italiano

Lingua straniera Inglese, Spagnolo

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2
SPANISH	A2	A2	A2	A1	A2

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

Communication skills	Dynamic, diligent, curious, and transparent. Always ready to help others. Ability to organize work and integrate into a team. Strong adaptability, resilient.
Interpersonal skills	WB, ultracentrifugation for exosome purification, buffer preparation, autoclave use, work in a sterile environment. Additionally, cell techniques for Glioma cell cultures, cell proliferation assays (MTT/MTS) and enzymatic tests for metabolite determination, Real-Time PCR, immunofluorescence techniques, tissue clearing (iDisco, Visikol), calcium imaging assays, and cultures of induced pluripotent stem cells differentiated into cortical neuronal cells and cortical organoids.
Digital Skills	OFFICE AUTOMATION Elaborazione testi: (Base) Fogli elettronici: (Base) Suite da ufficio: (Base) Web Browser: (Intermedio) GESTIONE SISTEMI E RETI Architetture di rete: (Base) Sistemi Operativi: (Base) GESTIONE DATI Sistemi di gestione di database (DBMS): (Base) GRAFICA E MULTIMEDIA (Intermedio)
Driving Licence	B
Other informations	<hr style="border: 1px solid #0070C0;"/>
Volunteering 10/2017-05/2019	Italian Red Cross Servizi di raccolta alimentare, unità di strada, assistenza anziani. Corso BLS-D.
05/2021 – 12/2021	Caritas, Castelfranco Veneto
Publications	2022 Porreca A, Di Gianfrancesco L, Artibani W, et al. Robotic-assisted, laparoscopic, and open radical cystectomy:surgical data of 1400 patients from The Italian Radical Cystectomy Registry on intraoperative outcomes. Cent European J Urol. 2022 - doi: 10.5173/ceju.2022.0284
Hounors and Awards	10/2023 Winner of "Avvio alla Ricerca" Award – La Sapienza 10/2022 Winner of "Avvio alla Ricerca" Award – La Sapienza 22/11/2023 Winner: CALL FOR FUNDING FOR INTERNATIONAL MOBILITY PERIODS FOR PHD STUDENTS OF THE XXXVII AND XXXVIII CYCLE D.R. 1505/2023 – La Sapienza.

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali".

la, sottoscritta, dichiara di essere consapevole che il presente curriculum vitae sarà pubblicato sul sito istituzionale dell'Ateneo, nella Sezione 'Amministrazione trasparente', nelle modalità e per la durata prevista dal d.lgs. n. 33/2013, art. 15.

Data

13/02/2025

