



Francesco Folchi Vici d'Arcevia

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EDUCATION AND TRAINING

01/11/2025 – CURRENT Bologna, Italy

PHD STUDENT IN HEALTH AND TECHNOLOGY University of Bologna UNIBO

Doctoral training in Health and Technology - Bioengineering, with specific coursework in Biomedical Engineering applied to Neuroscience.

Research focused on biological neural networks (BNNs), investigated from both bioengineering and medical perspectives.

Study of the neurophysiological mechanisms underlying biological computation and their modeling through hybrid bio-digital systems.

Integration of methods from synthetic neurophysiology, computational neuroscience, and translational medicine.

Website <https://phd.unibo.it/hat/en/> | **Field of study** Electronics and automation , Medicine | **Level in EQF** EQF level 8

01/10/2019 – 23/05/2025 Bologna, Italy

MASTER'S DEGREE IN MEDICINE AND SURGERY WITH HONOURS University of Bologna UNIBO

- Comprehensive medical education covering anatomy, physiology, pathology, pharmacology, clinical medicine and surgery

- Full-time hospital-based clinical rotations in Internal Medicine, General Surgery, Pediatrics, Psychiatry, Neurology, Neuroradiology, Gynecology, Orthopedics, Ophtalmology, Emergency Medicine, and Primary Care

- Acquisition of professional competencies in diagnosis, treatment, patient communication, ethics and public health

- Advanced training in evidence-based medicine, interdisciplinary care and medical technologies

- Final dissertation in clinical pharmacology and digital health applied to kidney transplant patients

Website <https://corsi.unibo.it/magistralecu/MedicinaChirurgia> | **Field of study** Medicine | **Final grade** 110/110 cum laude |

Level in EQF EQF level 7 |

Thesis Development and clinical validation of a digital tool for monitoring PPI deprescribing in kidney transplant recipients.
Supervisor: Elisabetta Poluzzi

2023 – 2025 Bologna, Italy

SELECTED COURSEWORK IN BIOMEDICAL ENGINEERING University of Bologna UNIBO

Selected university-level courses in mathematics, computer science, and signal processing to complement medical training with engineering tools, with a focus on biomedical applications and digital health.

Analisi Matematica A 9 ECTS

Analisi Matematica B 9 ECTS

Geometria ed algebra 6 ECTS

Fisica 6 ECTS

Fondamenti di informatica 12 ECTS

Segnali e sistemi 9 ECTS

Elettronica 9 ECTS

Elettrotecnica 6 ECTS

Field of study Electronics and automation | **Level in EQF** EQF level 6

2025 Bologna, Italy

BASIC LIFE SUPPORT AND DEFIBRILLATION (BLS-D) FOR HEALTHCARE PROFESSIONALS IRC – Italian Resuscitation Council

Final grade CEFR Level: C1 / Overall Band Score: 7.0

2024 – CURRENT

MEMBER OF MENSA INTERNATIONAL Mensa International

Admitted based on standardized IQ testing. Participates occasionally in events and discussions within the network.

Website <https://www.mensa.org/>

● WORK EXPERIENCE

 **AZIENDA SANITARIA UNICA REGIONALE MARCHE** – ASCOLI PICENO, ITALY

PRIMARY CARE PHYSICIAN – 07/2025 – CURRENT

Providing out-of-hours medical care as part of the Italian Continuity of Care Service (Guardia Medica). Operating in both correctional facilities and local outpatient clinics. Managing acute health issues, non-deferrable consultations, and urgent care needs. Ensuring continuity of primary care outside regular working hours, including nights, weekends, and holidays. Collaborating with emergency medical services and specialist networks when required.

 **ATARAXIAMED** – BOLOGNA, ITALY

MEDICAL SPORTS CERTIFICATIONS – 07/2025 – CURRENT

Carrying out medical sports evaluations for non-competitive fitness certificates in collaboration with a licensed Sports Medicine Physician. Activities involve clinical assessment, patient history, ECG execution, and certification issuance in accordance with Italian health regulations (D.M. 24/04/2013), as part of the AtaraxiaMed medical team.

 **UNIVERSITY OF BOLOGNA UNIBO, POLICLINICO SANT'ORSOLA** – BOLOGNA, ITALY

CURRICULAR CLINICAL INTERNSHIPS (MEDICINE) – 2021 – 2025

Completed required clinical rotations in Internal Medicine, General Surgery, Pediatrics, Psychiatry, Neurology, Neuroradiology, Gynecology, Orthopedics, Emergency Medicine, and Primary Care as part of the Medical Degree Program.

Developed practical skills in patient history-taking, physical examination, clinical reasoning, and interprofessional collaboration.

 **UNIVERSITY OF BOLOGNA UNIBO, POLICLINICO SANT'ORSOLA** – BOLOGNA, ITALY

RESEARCH PROJECT DEVELOPER – 2024 – 2025

Created and managed a small clinical study on PPI deprescribing in kidney transplant patients. Built a digital survey on REDCap/MyCap for symptom reporting and coordinated patient monitoring in collaboration with the nephrology unit.

 **LICEO SCIENTIFICO "A. ORSINI"** – ASCOLI PICENO, ITALY

STUDENTS ASSISTANT – 2017 – 2019

Tutored fellow students in science and math disciplines.

 **PLUS EDUCATIONAL** – LONDON, UNITED KINGDOM

CULTURAL ACTIVITIES LEADER – 01/07/2018 – 15/08/2018

Led international student groups during cultural visits and recreational events across London. Assisted with logistics, group supervision, and English language immersion. Ensured safety, engagement, and participation in a multicultural setting.

 **LICEO SCIENTIFICO "A. ORSINI"** – ASCOLI PICENO, ITALY

SCHOOL LIBRARIAN – 2017 – 2018

Catalogued books by topic and date; managed library resources.

 **LICEO SCIENTIFICO "A. ORSINI"** – ASCOLI PICENO, ITALY

BUSINESS SIMULATION PROJECT – 2017 – 2018

Created a mock startup, developed a business plan, and conducted financial forecasting.

Manual vineyard work during the harvest season. Gained hands-on experience in agricultural labor, teamwork, and adaptation to physically demanding environments.

● LANGUAGE SKILLS

Mother tongue(s): ITALIAN

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C2	B2	B2	B2
FRENCH	A2	A2	A2	A2	A1
LATIN	B1	B1	A1	A1	A2
JAPANESE	A1	A1	A1	A1	A1

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

● SKILLS

biomedicine | medical studies | Calculus, linear algebra, geometry, and other fundamental concepts of mathematics | Microsoft Office | apply teaching strategies | neuropsychiatry | health informatics | Communication and Signal Processing

● HONOURS AND AWARDS

1st position achieved in the regional phase of “Giochi Matematici Bocconi”, 2015

9th position achieved in the national phase of “Giochi Matematici Bocconi”, 2015

● DRIVING LICENCE

Driving Licence: AM

Driving Licence: B

● CONFERENCES AND SEMINARS

07/05/2024 – 07/05/2024 Bologna
MNESYS “A multiscale integrated approach to the study of the nervous system in health and disease”