

CHIARA FASOLI

MSc MEDICAL BIOLOGY – Cancer and Immunology specialist



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Address: Via Ciseri 6, 6600 Locarno (CH)
Nationality: Italian – Swiss naturalization pending
Clean Swiss driving Licence (B, A1)

LANGUAGES

- Native Italian speaker
- Advanced use of French and English
- Secondary School level of German

PROFILE

Medical biology graduate with a strong interest and foundational experience in immunology and cancer research, seeking to advance a career in laboratory medicine. Demonstrates effective teamwork and collaborative problem-solving skills within research and clinical environments. Highly adaptable and motivated, with a solid commitment to the development and implementation of innovative diagnostic approaches. Aspires to further strengthen expertise through the FAMH formation in genetics or immunology and hematology.

EDUCATION

Master in Medical Biology at UNIL
Lausanne, Switzerland | Sept. 2024 – Jan. 2026

Bachelor's in Biotechnology Research in Medicine at San Raffaele University (Faculty of Medicine)
Milan, Italy | Sept. 2021 – June 2024

Secondary School education: Liceo Cantonale di Locarno
Locarno, Switzerland | Sept. 2017 – June 2021

SCIENTIFIC TRAININGS

God Clinical Practice Certificate – (GCP-R3, 2025)
TRREE - Introduction to research ethics, research ethics evaluation, informed consent, good clinical practice.

Resal MODULE 1 Certificate
Introductory Course in Laboratory Animal Science: Theory course + Practical course

LABORATORY SKILLS

- Handling and processing of biological samples
- DNA/RNA extraction, purification, and molecular analysis (PCR, qPCR, RT-qPCR)
- Application of sequencing and cytogenetic techniques
- Immunoassays and antibody-based detection methods (ELISA, WB, flow cytometry)
- Adherence to quality control procedures, traceability, and documentation standards
- Implementation of laboratory safety regulations and good laboratory practices (GLP)
- Collaborative work in multidisciplinary environments

SOFT SKILLS

- Teamwork and adaptability
- Organization and time-management
- Communication
- Problem-solving and stress management
- Patience and attention to details
- Leadership and work ethic

COMPUTER SKILLS

- Office software: word processing (Word), spreadsheets (Excel), presentation tools (PowerPoint)
- Scientific analysis and imaging: Prism, ImageJ, Fiji, NEBcutter, Imaris

EXPERIENCE

Research assistant | Department of Biomedical Sciences, Lausanne | March 2026 - ongoing

Extended the Master thesis work on lactate-mediated modulation of microglial response after ischemia. Took on increased autonomy in experimental design, animal handling, and data interpretation. Collaborated with team members, regularly presented progress in lab meetings and supported manuscript preparation.

Master Project | Department of Biomedical Sciences, Lausanne | June 2025 – January 2026 (8 months)

Studied the effect of lactate on microglial response in ischemia. Gained experience in laboratory animal handling, experimental design, and data analysis. Presented results in seminars and actively participated in journal clubs and lab meetings.

First Step Project | AGORA, Cancer Research Center, Lausanne | Nov-Dec. 2024

Analyzed the impact of the tumor microenvironment on chemotherapy response in advanced ovarian cancer. Conducted experiments on tumor-immune system interactions, collected and analyzed data, performed literature review, and participated in journal clubs and lab meetings.

Internship | Cancer Functional Genomics Lab, San Raffaele Hospital (IT) | Sept. 2023

Worked with cell cultures and organoids, planned and executed experiments.

Internship | Neuropsychopharmacology Lab, San Raffaele University (IT) | Sept. 2022

Refined basic techniques including PCR and western blot. Gained first experience with laboratory animals.

EXTRACURRICULAR ACTIVITY

Rhythmic gymnastics assistant coach: Società federale di ginnastica Locarno. Learned the importance of collaboration and observation, improved decision-making and coordination skills. In addition, developed creativity and empathy.