



Giulia Mariottini

WORK EXPERIENCE

UNIVERSITY OF FLORENCE – FLORENCE, ITALY

EDUCATIONAL TUTOR – 04/11/2024 – 30/04/2025

- Developed personalized learning strategies
- Promoted study autonomy and self-management
- Managed behavioral situations with empathy
- Facilitated student inclusion and active participation
- Assisted in managing study plans and exam preparation
- Taught computer and digital tool usage for learning
- Supported organizational skills for academic tasks

EDUCATION AND TRAINING

20/09/2020 – 27/07/2023 Florence, Italy

BACHELOR'S DEGREE IN BIOTECHNOLOGIES School of Human Health Sciences – University of Florence

Research/Technical Skills:

- Cell cultures – Microscopy
- SDS-PAGE – Western Blotting - Immunoprecipitation assay
- Nuclear/Cytoplasmic Fractionation assay
- Proliferation assay – Cell Viability assay – Apoptosis assay
- Colony formation assay
- Protein silencing by siRNA and shRNA
- Flow Cytometry analysis
- Motility and Invasion assay
- Subcellular extraction
- Radioactivity assay
- DNA/mRNA/microRNA Isolation – cDNA Synthesis – RT-PCR
- Seahorse analysis
- Mitochondrial activity analysis by O2k high resolution Respirometer

Digital skills:

- Microsoft Office – ImageJ – GraphPad Prism
- Adobe Creative Cloud: Acrobat DC, Lightroom, Photoshop
- Zoom - Google Drive - Skype

Final grade 110 Cum Laude | **Level in EQF** EQF level 6 |

Thesis Optimization of a Preclinical Model Using Immortalized Cell Lines for the Study of Estrogen Role in NAFLD Progression

20/09/2023 – CURRENT Florence, Italy

MASTER'S DEGREE IN MEDICAL AND PHARMACEUTICAL BIOTECHNOLOGIES School of Human Health Sciences – University of Florence

Level in EQF EQF level 7

LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2

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

SKILLS

Organizational skills

Flexibility | Adaptability to change | Excellent ability to work in a team and a good degree of autonomy | Problem solving skills | Self-motivation and proactive approach | Excellent organizational skills and best effort to complete all activities | Strategic thinking | Goodwill at non-stop updating | Curiosity

Communication skills

Strong empathy in challenging situations | Good communicational skills in situations requiring tact and diplomacy | Good communication skills acquired during my study-holidays in England, Scotland and America | Strong interpersonal and communication skills

DRIVING LICENCE

Driving Licence: AM

Driving Licence: B