

PERSONAL INFORMATION **Flaminia Tani**

WORK EXPERIENCE

Jul 2024 – current date **Individual contract for occasional work performance**

Dipartimento di Sanità Pubblica, Medicina Sperimentale e Forense, Segrate (Pavia, Italy)

Collaboration with the Unit of Biostatistics and Clinical Epidemiology within the framework of the PNRR project National Center 5 'National Biodiversity Future Center', theme 'Biodiversity', Spoke 6.

- Preparation of the omics data matrix to be produced within the project, quality control, and integration with clinical data
- Preliminary statistical analysis of the integrated data

Sep 2023 – Mar 2024 **Thesis Internship**

Istituto di Bioimmagini e Fisiologia Molecolare (IBFM-CNR), Segrate (Milan, Italy) and Università degli Studi di Pavia, Dipartimento di Sanità Pubblica, Medicina Sperimentale e Forense (Pavia, Italy)

Working in a research teams of Dott.ssa Gloria Bertoli and Prof.ssa Maria Cristina Monti on the project "National Biodiversity Future Center" (NFBC).

- Definition of a bioinformatic and statistical method for the identification and selection of microRNAs
- Application of the methods to the context of chronic intestinal diseases
- Identification of the pathways most directly involved in the dysregulation of genes associated with the candidate microRNAs

January 2023 – December 2023 **Congress and fair Hostess**

MiCo and Rho Fiera (Milan, Italy)

Welcoming and assisting participants during conferences and trade shows, managing registration, and providing logistical support.

February 2018 – February 2023 **Election Service**

Rome, Italy

January 2018 – December 2019 **Volunteering**

Caritas, Italy

EDUCATION AND TRAINING

2021–2024 **Master's Degree in Biostatistics (LM-82)**

Università degli Studi di Milano Bicocca, Milan, Italy

Thesis: "Statistical and Bioinformatic Methods for the Identification of MicroRNAs as Biomarkers of Inflammation and Oxidative Stress"

Final mark: 102/110

- Statistical models for Pharmaceutical Categorical Data
- Statistical Inference
- Statistical models for Genetics
- Machine Learning
- Statistical models applied to clinical trials

2019–2021 Bachelor of Statistics, Economics and Society (L-41)

Sapienza Università di Roma, Rome, Italy

Thesis: "Thesis: Statistical Significance: Applied Examples in the Medical Field"

- Sociology
- Demography
- Political economy
- Mathematical analysis and statistics

PERSONAL SKILLS

Mother tongue Italian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	B2
First Certificate in English (FCE) B2					

Levels: A1 and A2: Basic user – B1 and B2: Independent user – C1 and C2: Proficient user
[Common European Framework of Reference for Languages](#)

Computer skills

- Good knowledge of Office (ECDL)
- Good knowledge of R
- Good knowledge of LaTeX
- Good use of the most used Operating System (Linux, Windows, Macintosh)
- Experience with tools for analyzing biological data (Bioconductor)
- Good knowledge of statistical tools analyzing data (SAS, STATA, SPSS)
- Experience with bioinformatics database (NCBI, miRTarBase, Reactome, KEGG, miRNet)

Driving licence B

REFERENCES

- Flaminia Tani, Gloria Bertoli, Bruno Galuzzi. MicroRNAs as biomarkers for Ulcerative Colitis(submitted). *19th Conference On Computational Intelligence Methods For Bioinformatics And Biostatistics*. (2024)

"Autorizzo il trattamento dei miei dati personali ai sensi del D.Lgs. 196/2003 e del GDPR (Regolamento UE 2016/679) per le finalità di ricerca e selezione del personale."