Visentin Luca

Master in Cellular and Molecular Biology

April 26, 1996

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Luca Visentin

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Key expertise

- Animal Cellular Biology
- Cancer Genomics
- Bioinformatics
- Linux system administration

Skills

Languages

- Italian ●●●●●
- English ●●●●○

Programming

- Python ●●●●●
- R ●●●●○
- Bash ●●○○○
- Git/Github ●●●○○
- Docker ●●●○○
- LaTeX ●●●●○

About Me

I hold a Master's Degree in Cellular and Molecular Biology with a specialisation in Neurobiology. I have a strong passion for Bioinformatics, and I'm pursuing a PhD in Complex Systems for Life Sciences for this very reason. I currently work in data analysis, especially in the transcriptomics and genomics fields.

Working Experience

Academia

2022 – currently
PhD Student — University of Turin - DBios - Physiology Lab
PhD student in "Complex Systems for Quantitative Biomedicine".

2021 – 2022
Research Collaborator — University of Turin - DBios - Physiology Lab
Collaborating bioinformatician with scholarship on the project "Transcriptional Analysis of Transportome Deregulation in PDAC".

Latest Publications

- **Research Article**: "BioTEA: containerized methods of analysis for microarray-based transcriptomics data", *Biology*, 2022
- **Research Article**: "The Transcriptional Landscape of BRAF Wild-Type Metastatic Melanoma: A Pilot Study", *International Journal of Molecular Sciences*, 2022
- **Research Article**: "TRPM8-Rap1A Interaction Sites as Critical Determinants for Adhesion and Migration of Prostate and other Epithelial Cancer Cells", *Cancers*, 2022

Education

Study

2018 – 2021
Master Studies in Cellular Biology — University of Turin
Neurobiological course: Cellular biology of the brain, nervous tissue development, biochemistry and advanced genetics. Additional focus on bioinformatics and programming.

Master Thesis ($109/110$) — University of Turin
Modelling the Evolution of Somatic Mutations in Cancer. Usage of bioinfomatic tools to produce mathematical models of the accumulation of functional mutations in a multi-cancer setting.

2015 – 2018
Bachelor Studies in Biological Sciences — University of Turin
Focus: Cellular biology, hygienics, human physiology, immunology and genetics.

Bachelor Thesis ($104/110$) — University of Turin
Immunotherapy: A new frontier in the treatment of cancer. A short review of the main immunotherapeutic approaches currently available and possible research possibilities.

2010 – 2015
Diploma in Healthcare Biotechnologies — I.I.S. Ada Gobetti Marchesini
Focus: Food safety, Chemistry, Applied Biology, Microbiological Laboratory, Chemistry Laboratory.