



# Visentin Luca

Master in Cellular and Molecular Biology

- April 26, 1996
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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

- **Data Report:** "Transcriptomic data of bevacizumab-adapted colorectal adenocarcinoma cells HCT-116", *Data in Brief*, 2023
- **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 bioinformatic 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.