GIOVANNI MARTELETTO

Personal information

Date and place of birth: **17/03/1997, Brazil**

Citizenship: **Italian and Brazilian**

email: **giovanni.marteletto@yale.edu**

Relevant work experiences

- From (04/2020) to (07/2020) – **University of Milano-Bicocca.**

  Intern within the bioinformatics research team of Prof. Chiara Damiani. Database research for genes of interest to be used as markers in the development of a computational method to improve single-cell RNA seq analyses. Performed quantitative analysis of the data obtained on the genes of interest and constructed a model for quality control of scRNA-seq data using Scanpy.

- *From (12/2021) to present -* **University of Milano-Bicocca.**

  Intern at the bioinformatics research group of Prof. Chiara Damiani. Developed a new computational framework for the simulation of spatially resolved fluxomics.

Publications

- Contribution in conference proceedings:
    - **Marteletto G, Galluzzi G.B, Damiani C. 2023.** *A feature selection analysis for classifying damaged cells in scRNA-seq experiments*. Proceedings of the 18th Conference on Computational Intelligence Methods for Bioinformatics & Biostatistics (CIBB 2023), September 6-8, 2023, Padova, Italy, Multifunctional Psychology Hub of the University of Padova.

Other work experiences

- From (12/2021) to (12/2022) – **Disability and SLD office, University of Milan**

  Educational tutor.

- From (01/2023) to (07/2024) **- AIAS di Milano ONLUS**

  Educational tutor.

Education

- From (09/2017) – to (03/2021) - ***Università degli Studi di Milano Bicocca-Bachelor's Degree in Biotechnology***
  Final grade: 104/110
- From (09/2021) – to (07/2024) - ***Università degli Studi di Milano e Politecnico di Milano***
  Master's Degree in Bioinformatics for Computational Genomics
  Final grade: 110/110

Language Skills

- **Portuguese:** fluent, native speaker.
- **Italian:** fluent.
- **English**: *Certified level - Cambridge B2.*

Coding Skills

- *R, Python: Intermediate level*
- *SQL, Matlab, Bash: beginner level*