



Marco Vicari

PhD student

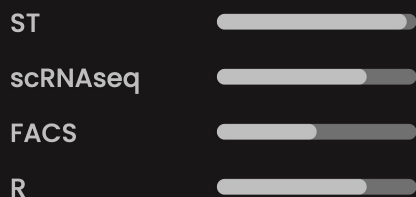
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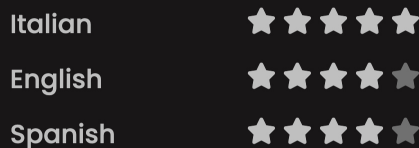
PROFILE

I am a Medical Doctor, specialised in Clinical Pathology and Biochemistry. I am currently a PhD student at KTH and SciLifeLab under the supervision of Prof. Joakim Lundeberg.

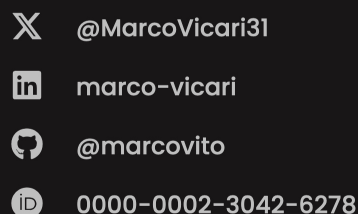
SKILLS



LANGUAGES



FIND ME ON



INTERESTS



EDUCATION

Medicine and Surgery degree

📍 Catholic University of the Sacred Heart, Rome, Italy
2008–2014

EXPERIENCE

Clinical Pathology and Clinical Biochemistry Residency program

📍 Campus Bio-medico University Hospital, Rome, Italy

Nov 2015 – Oct 2019

Clinical trainings in Laboratory Diagnostics, Transfusional Medicine, Microbiology and Pathology. Along with that, I did the following internships:

📍 IFO – Regina Elena National Cancer Institute, Rome, Italy

training in oncohematological diagnostics and flow cytometry under the supervision of Dr. I. Cordone

📍 CIMA Lab Diagnostics, Pamplona, Spain

training in oncohematological diagnostics, flow cytometry, cell sorting, single cell RNA sequencing (data production and data analysis using R) and exome sequencing under the supervision of Dr. B. Paiva and Dr. D. Lara-Astiaso.

📍 Weizmann Institute of Science, Rehovot, Israel

Training in technology development for NGS applications, under the supervision of Dr. E. Shema and Dr. L. Shlush.

PhD

📍 KTH, SciLifeLab, Stockholm, Sweden

Mar 2021 – present

PhD student in Gene Technology, under the supervision of Prof. J. Lundeberg.

PUBLICATIONS

- 2024 Spatial Dynamics of the Developing Human Heart Enikő Lázár et al. [view online]
- 2023 Spatial multimodal analysis of transcriptomes and metabolomes in tissues Marco Vicari et al. *Nature Biotechnology* [view online]
- 2023 A topographic atlas defines developmental origins of cell heterogeneity in the human embryonic lung Alexandros Sountoulidis et al. *Nature Cell Biology* [view online]
- 2022 Developmental origins of cell heterogeneity in the human lung Alexandros Sountoulidis et al. [view online]
- 2021 Impact of Histology and Tumor Grade on Clinical Outcomes Beyond 5 Years of Follow-Up in a Large Cohort of Renal Cell Carcinomas Manuela Costantini et al. *Clinical Genitourinary Cancer* [view online]
- 2021 Tumor cells in light-chain amyloidosis and myeloma show distinct transcriptional rewiring of normal plasma cell development Daniel Alameda et al. *Blood* [view online]
- 2019 Transcriptional profiling of circulating tumor cells in multiple myeloma: a new model to understand disease dissemination Juan-Jose Garcés et al. *Leukemia* [view online]
- 2019 Morphometric analysis of atypical glandular cells correctly classifies normal, reactive, and atypical cells in cervical smears Marco Vicari et al. *Diagnostic Cytopathology* [view online]