

CURRICULUM VITAE

Luca Giacobazzi

PERSONAL INFORMATION



Name and Surname: Luca Giacobazzi

Place and Date of birth: Pisa (PI), March 15, 1993

Citizenship: Italian

Marital Status: Married

Address: Via Sant' Irene 25, Caldiero (VR), 37042

Position: PhD Student (XL Cycle)

Workplace: Policlinico "G.B. Rossi", Piazzale L.A. Scuro, 10, 37134 Verona (VR), Immunology Section

CONTACT INFORMATION

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Social Media: [Facebook](#) ; [Instagram](#)

RESEARCH ACTIVITY

• 2024 - ongoing (PhD Student in Inflammation, Immunity and Cancer)

Department of medicine, University of Verona, Verona, Italy

Supervisor: Prof, Stefano Ugel

Co-Supervisor: Prof, Silvio Bicciato

• 2023 - 2024 (Master Student)

Dipartimento of Biotechnology, University of Verona, Verona, Italy

Advisor: Prof, Stefano Ugel

Added Advisor: Dr, Annalisa Adamo

Activity: in silico characterization and impact of FLIP-expressing Monocytic Myeloid-Derived Suppressive Cells in Non-Small Cell Lung Cancer

- **2021 - 2024 (Research fellow)**

Department of medicine, University of Verona, Verona, Italy

Advisor: Prof, Stefano Ugel

Activity: development of bioinformatic tools and bioinformatic analysis for novel IDO1 inhibitors at the forefront of cancer immunotherapy.

- **2020-2021 (Bachelor Student)**

Department of Computer Science, University of Verona, Verona, Italy

Advisor: Prof, Alejandro Giorgetti

Activity: in silico structural and dynamic analysis of wild-type and mutated forms of different SARS-CoV-2 proteins.

RESEARCH INTERESTS

Application and development of computational tools for biological and medical research, particularly in cancer immunology. Interested in new bioinformatics and Artificial Intelligence technologies for omics data analysis and integration.

EDUCATION

- MSc in Molecular and Medical Biotechnology (CLASS LM-9: Medical, Veterinary and Pharmaceutical Biotechnologies), University of Verona [2021-2024]. Final Grade: **108/110**.
- BSc in Bioinformatics (CLASS L-31: Computer Science and Technology) University of Verona [2017-2021]. Final Grade: **94/110**.
- BSc in Mechanical Engineering, University of Modena [2012-2016]. **Degree not completed.**
- Scientific High School Diploma (P.N.I National-Informatics-Program), Liceo Scientifico Niccolò Copernico, Verona [2007-2012]. Final Grade: **82/100**.

SCIENTIFIC TRAINING AND EVENTS

- Internship at the Immunology Section, Borgo Roma Hospital, Verona (Jan–Jun 2021).
- Certificate of General Training on Health and Safety at Work [2021].
- Participation in Journal Clubs and group projects during university and research activities.
- XVIII BITS Congress (Bioinformatics Italian Society), Verona, 27–29 June 2022.
- “Data Integrity in Research” meeting, University of Verona, 26 January 2024.
- VIII ISCAA Congress (Italian Society for Cytometric Analysis), presentation of the GateMeClass tool, Verona, 29–31 May 2024.

- Training event “Worker Safety Update on the Conscious Use of Chemical Substances according to REACH-IT and CLP Regulations”, Verona, 18 November 2024.
- III Artificial Intelligence for Oncology Congress, Milan, 8–9 May 2025.
- XXXVI Pezcoller Symposium, Trento, 23–24 June 2025.
- Poster session at PhD Day 2025.

SCIENTIFIC PUBLICATIONS

1. Adamo Annalisa, Frusteri Cristina, Pilotto Sara, Caligola Simone, Belluomini Lorenzo, Poffe Ornella, **Giacobazzi Luca**, Dusi Silvia, Musiu Chiara, Hu Yushu, Wang Tian, Rizzini Davide, Vella Antonio, Canè Stefania, Sartori Giulia, Insolda Jessica, Sposito Marco, Incani Ursula Cesta, Carbone Carmine, Piro Geny, Pettinella Francesca, Qi Fang, Wang Dali, Sartoris Silvia, De Sanctis Francesco, Scapini Patrizia, Dusi Stefano, Cassatella Marco Antonio, Bria Emilio, Milella Michele, Bronte Vincenzo, Ugel Stefano. Immune checkpoint blockade therapy mitigates systemic inflammation and affects cellular FLIP-expressing monocytic myeloid-derived suppressor cells in non-progressor non-small cell lung cancer patients. *Oncoimmunology*. 2023 Sep 14;12(1):2253644. doi: 10.1080/2162402X.2023.2253644. PMID: 37720688; PMCID: PMC10503454.
2. Simona Gambino, Francesca Maria Quaglia, Marilisa Galasso, Chiara Cavallini, Roberto Chignola, Ornella Lovato, **Luca Giacobazzi**, Simone Caligola, Annalisa Adamo, Santosh Putta, Antonino Aparo, Isacco Ferrarini, Stefano Ugel, Rosalba Giugno, Massimo Donadelli, Ilaria Dando, Mauro Krampera, Carlo Visco & Maria Teresa Scupoli. B-cell receptor signaling activity identifies patients with mantle cell lymphoma at higher risk of progression. *Sci Rep* 14, 6595 (2024). <https://doi.org/10.1038/s41598-024-55728-9>
3. Simone Caligola, **Luca Giacobazzi**, Stefania Canè, Antonio Vella, Annalisa Adamo, Stefano Ugel, Rosalba Giugno, Vincenzo Bronte, GateMeClass: Gate Mining and Classification of cytometry data, *Bioinformatics*, Volume 40, Issue 5, May 2024, btae322, <https://doi.org/10.1093/bioinformatics/btae322>

LANGUAGE SKILLS

- Italian [Native]
- English [Fluent - written and spoken]
- French [Basic - written and spoken]

COMPETENZE TECNICHE

- Operating System: macOS, Ubuntu.
- Programming Languages: R, Bash, C, Java, Python, Fortran90.
- Presentations: PowerPoint, Keynote.
- Text Editing: LaTex, Pages, Word, TextEdit.

- Databases and Web-Servers for Biology and Medicine.
- Bioinformatics Applications [mainly in R and Bash].
- Scientific Visualisation and rendering: BioRender, ParaView, MATLAB.
- Protein structure manipulation: Chimera, PyMOL, Dynamut.
- Mathematical and Statistical Analysis: R, MATLAB, GeoGebra, Excel, Numbers.

ATTITUDE AND INTERESTS

Attitude:

Organized, tidy, precise, and punctual. Humble, altruistic, and collaborative, open to dialogue and discussion. I always aim to provide constructive input when asked for my opinion. I strongly believe in teamwork and enjoy participating in team-building and social activities. Willing to undertake training or work experiences abroad.

Hobbies:

I play guitar and have had several semi-professional experiences. I have achieved awards and placements in national competitions (Bande Sonore and Musica Nel Sangue by AVIS, 2010). I attended the National Guitar Workshop at Loyola Marymount University (Los Angeles, CA) in the summer of 2010, where I had the opportunity to play with international artists such as Paul Gilbert, Dave Martone, and Neil Nagaoka. I played in the main orchestra of the event “Ecco Perché Canto” (2019 edition). From 2014 to 2020, I was an active member of the cultural association Music@rt (San Martino Buon Albergo, Verona) as a guitar teacher for children. Since 2024, I have been a member of the “AOUI Verona Official Band,” the ensemble of the Verona University Hospital, which performs free concerts in cultural and charitable contexts across venues, theaters, and hospitals.

I authorize the processing of my personal data contained in this CV according to Art. 13 of Legislative Decree 196/2003.

Verona, October 20, 2025

Luca Giacobazzi