



Martina Dameri

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Gender: Female Nationality: Italian

WORK EXPERIENCE

IRCCS San Martino University Hospital

City: Genova | Country: Italy

[23/11/2023 – Current] **Health Researcher**

- Collection, processing and storage of biological specimens
- Molecular biology techniques (Nanodrop, Qubit, TapeStation, PCR, realtime PCR)
- Extraction and QC of cell- and biological specimen-derived nucleic acids
- Proteomics assays (ELISA assays)
- Setting-up and preparation of NGS experiments and sequencing runs (DNA sequencing, RNA sequencing, cfMeDIP-seq, Nanopore sequencing)
- Writing of scientific papers and projects
- Management of national and international research projects

Department of Earth, Environmental and Life Sciences - University of Genova

City: Genova | Country: Italy

[01/10/2024 – Current] **Contract Professor**

Course in "Laboratory of Biological Techniques" in the first year of the Bachelor's Degree in Biological Sciences - 2 CFU

University of Pisa

City: Pisa | Country: Italy

[01/11/2024 – Current] **Resident in Clinical Pathology and Clinical Biochemistry**

University of Genova

City: Genova | Country: Italy

[12/09/2023 – 15/04/2025] **Teaching Tutor type A – Academic years 2023/2024 and 2024/2025**

Teaching tutor activities aimed at supporting students in the preparation for university exams and in the development of PCTO (Pathways for Transversal Skills and Orientation) activities

Department of Internal Medicine and Medical Specialties - University of Genova

City: Genova | Country: Italy

[01/11/2021 – 31/10/2024] **PhD fellow - Biologist**

IRCCS San Martino University Hospital

City: Genova | Country: Italy

[16/09/2020 – 31/10/2021] **Early-stage Research Fellow**

Department of Experimental Medicine, Human Anatomy - University of Genova

City: Genova | **Country:** Italy

[09/2016 – 12/2019] **Intern (research internship for experimental thesis project)**

- Cell culture setup and maintenance
- Biochemical analyses (Western blot)
- Embedding and sectioning techniques for transmission electron microscopy (TEM)
- Optical and fluorescence microscopy

EDUCATION AND TRAINING

[01/11/2021 – 29/05/2025] **PhD in Hemato-oncology and Clinical-translational Internal Medicine**

Department of Internal Medicine and Medical Specialties - University of Genova

City: Genova | **Country:** Italy |

[11/2017 – 02/2020] **Master of Science in Health and Molecular Biology**

University of Genova

City: Genova | **Country:** Italy | | **Final grade:** 110/110 e lode

Tirocinio e tesi svolti presso il Dipartimento di Medicina Sperimentale dell'Università degli Studi di Genova, Sezione Anatomia Umana.

Titolo della tesi: Il meccanismo d'azione dell'anticorpo terapeutico Trastuzumab (Herceptin) su cellule di carcinoma mammario ErbB2⁺ coinvolge il rilascio di esosomi e l'inibizione del processo di autofagia.

[09/2014 – 11/2017] **Bachelor's Degree in Biological Sciences**

University of Genova

City: Genova | **Country:** Italy | | **Final grade:** 110/110 e lode

Acquisizione di conoscenze e competenze nell'ambito della biologia generale e delle principali tecniche da applicare in laboratorio.

Tirocinio e tesi svolti presso il Dipartimento di Medicina Sperimentale dell'Università degli Studi di Genova, Sezione Anatomia Umana.

[2009 – 2014] **High School Diploma**

International Language School "Grazia Deledda"

City: Genova | **Country:** Italy | | **Final grade:** 100/100

Acquisizione di competenze linguistiche per le lingue inglese, francese, spagnolo.

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING B2 READING C1 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

French

LISTENING B2 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION B2

PUBLICATIONS

- Liquid biopsy in breast cancer: Redefining precision medicine** Author links open overlay panel Maria Luisa Schiavone, Rosa Scarpitta, Francesco Ravera, Sara Bleve, Carolina Reduzzi, Federico Di Cocco, Martina Dameri et al. DOI: 10.1016/j.jlb.2025.100312
[2025]
- Reference:** Journal of Liquid Biopsy
- Biological modifications of the immune response to COVID-19 vaccine in patients treated with rituximab and immune-checkpoint inhibitors** - Francesco Ravera*, Martina Dameri*, Isabella Lombardo, Mario Stabile, Neri Fallani et al. DOI: 10.1016/j.celrep.2025.115838
[2025]
- Reference:** Cell Reports, IF 7,5
- JAK2 is a critical therapeutic target in VEXAS syndrome treated with ruxolitinib** - Andrea Ceccardi*, Martina Dameri*, Francesco Ravera*, Nicolò Gilardi, Mario Stabile, et al. DOI: 10.1111/bjh.19979
[2025]
- Reference:** British Journal of Haematology, IF 5,1
- Comprehensive analysis of plasma methylome reveals distinct patterns of methylation changes between responders and non-responders to neoadjuvant chemotherapy in breast cancer** - Francesco Ravera, Martina Dameri, Pier Vitale Nuzzo, et al. doi.org/10.1016/j.jlb.2024.100159
[2024]
- Reference:** Journal of Liquid Biopsy
- Standard Operating Procedures (SOPs) for non-invasive multiple biomarkers detection in an academic setting: A critical review of the literature for the RENOVATE study protocol** - Martina Dameri*, Gabriella Cirmena*, Francesco Ravera, Paola Cuccarolo, Lorenzo Ferrando, Massimo Calabrese, Alberto Tagliafico, Alberto Ballestrero+ and Gabriele Zoppoli+; doi: 10.1016/j.critrevonc.2023.103963
[2023]
- Reference:** Critical Reviews in Oncology Hematology, IF 5,1
- ESR1 gene amplification and MAP3K mutations are selected during adjuvant endocrine therapies in relapsing Hormone Receptor-positive, HER2-negative breast cancer (HR+ HER2- BC)** - Lorenzo Ferrando, Andrea Vingiani, Anna Garuti, Claudio Vernieri, Antonino Belfiore, Luca Agnelli, Gianpaolo Dagrada, Diana Ivanoiu, Giuseppina Bonizzi, Elisabetta Munzone, Luana Lippolis, Martina Dameri ,Francesco Ravera et al; doi: 10.1371/journal.pgen.1010563
[2023]
- Reference:** Plos Genetics, IF 4
- Complete pathological response of hormone receptor positive invasive breast cancer in a patient with multiple myeloma treated with ixazomib** - Martina Dameri, Alessandro Garlaschi, Paola Cuccarolo, Andrea Ceccardi, Mario Stabile, Irene Valente, Licia Gristina, Massimo Calabrese, Alberto Ballestrero, Alberto Tagliafico and Gabriele Zoppoli; doi: 10.1177/03008916231176586
[2023]
- Reference:** Tumori Journal, IF 2,4

- Plasma cell-free DNA integrity assessed by automated electrophoresis predicts the achievement of pathological complete response to neoadjuvant chemotherapy in breast cancer patients - Gabriella Cirmena, Lorenzo Ferrando, Francesco Ravera, Anna Garuti, Martina Dameri, Maurizio Gallo, Valentina Barbero, Fabio Ferrando, Lucia Del Mastro, Alessandro Garlaschi, Daniele Friedman, Piero Fregatti, Alberto Ballestrero, Gabriele Zoppoli; doi: 10.1200/PO.21.00198**
[2022]
Reference: JCO Precision Oncology, IF 4,1
- Incidence and immunomic features of apyretic COVID-19 infection in patients affected by solid tumors and followed in a tertiary care cancer outpatient facility: a prospective cohort study - Francesco Ravera, Roberto Borea, Gabriella Cirmena, Martina Dameri, Lorenzo Ferrando et al.; doi: 10.1186/s12967-022-03429-0**
[2022]
Reference: Journal of Translational Medicine, IF 7,4
- Development of a hoRizontal data intEgration classifier for NOinvasiVe early diAgnosis of breasT canCEr: the RENOVATE study protocol - Francesco Ravera, Gabriella Cirmena, Martina Dameri, Maurizio Gallo, Valerio Gaetano Vellone, Piero Fregatti, Daniele Friedman, Massimo Calabrese, Alberto Ballestrero, Alberto Tagliafico, Lorenzo Ferrando, Gabriele Zoppoli; doi: 10.1136/bmjopen-2021-054256**
[2021]
Reference: BMJ Open, IF 3
- Assessment of Circulating Nucleic Acids in Cancer: From Current Status to Future Perspectives and Potential Clinical Applications - Gabriella Cirmena#, Martina Dameri#, Francesco Ravera#, Piero Fregatti, Alberto Ballestrero\$ and Gabriele Zoppoli*,§; doi: 10.3390/cancers13143460**
[2021]
Reference: Cancers, IF 6,57
- Multi-gene testing overview with a clinical perspective in metastatic triple-negative breast cancer - Martina Dameri, Lorenzo Ferrando, Claudio Vernieri, Giancarlo Pruneri, Alberto Ballestrero# and Gabriele Zoppoli*,#; doi: 10.3390/ijms22137154**
[2021]
Reference: International Journal of Molecular Sciences, IF 6,2
- Effects of neratinib on endocytic trafficking and extracellular vesicles release in ERBB2+ breast cancer cells - Sara Santamaria, Silvia Marconi, Grazia Bellese, Maria Cristina Gagliani, Cinzia Aiello, Anastasia Lechiara, Martina Dameri, Erica Tagliatti, Katia Cortese, Patrizio Castagnola; doi:10.1369/00221554211026297**
[2021]
Reference: Journal of Histochemistry & Cytochemistry, IF 4,13
- The chromodomain helicase CHD4 regulates ERBB2 signaling pathway and autophagy in ERBB2+ breast cancer cells - Carolina D'Alesio, Grazia Bellese, Maria Cristina Gagliani, Anastasia Lechiara, Martina Dameri, Elena Grasselli, Luisa Lanfrancone, Katia Cortese and Patrizio Castagnola; doi: 10.1242/bio.038323**
[2019]
Reference: Biology Open, IF 2

PERSONAL DATA PROCESSING

Processing of personal data

I hereby authorize the processing of the personal data contained in my curriculum vitae pursuant to Article 13 of Italian Legislative Decree no. 196/2003 and Article 13 of EU Regulation 2016/679 (General Data Protection Regulation – GDPR), concerning the protection of natural persons with regard to the processing of personal data.

ADDITIONAL PROFESSIONAL SKILLS

Other qualifications and activities

- Participation in national and international conferences and meetings as a poster presenter
- Attended the course "*Safe Use of Liquid Nitrogen: Equipment, Cryo Rooms, and Management Software*"
- Attended the statistical data analysis course "*Data Wrangling with R*"
- Attended the course "*How to Write a Scientific Article in English*"
- Attended the course "*Basic Principles for Researchers on the Use of Animals for Scientific Purposes*"
- Licensed Biologist – Professional qualification obtained at the University of Genoa
- Registered with the Professional Register of Biologists (Section PVL)
- Thesis tutor and co-supervisor of undergraduate students:
 - Pablo Arozarena Donelli – *Bachelor's Degree in Biological Sciences*, A.Y. 2022–2023
 - Simone Murru – *Bachelor's Degree in Biological Sciences*, A.Y. 2022–2023

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

- Good interpersonal and communication skills
- Solid public speaking and presentation abilities

ORGANIZATIONAL SKILLS

Organizational skills

- Highly organized in planning and structuring work activities to meet deadlines and objectives
- Strong teamworking abilities developed through collaborative academic and research projects

Autorizzo il trattamento dei miei dati personali presenti nel CV ai sensi dell'art. 13 d. lgs. 30 giugno 2003 n. 196 - "Codice in materia di protezione dei dati personali" e dell'art. 13 GDPR 679/16 - "Regolamento europeo sulla protezione dei dati personali".

Genova, 07/2025