Elena Maroto Martín, PhD

Clinical Research Scientist | Oncology | Hematology

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📍 Madrid, Spain

in [Elena Maroto Martín](#)

English - Proficient (C1)
Spanish - Native

Summary

Hi! I am a highly motivated and innovative **clinical research scientist** with over 8 years of experience in **oncology research** and **immunotherapy**. For more than 6 years, I have successfully led and coordinated multiple projects in immunotherapy and translational research, strengthening international collaborations. My expertise includes **molecular oncology**, **preclinical trials** and **drug development,** with a strong focus on target discovery and **therapeutic innovation**. I thrive in both collaborative and independent environments, with a demonstrated ability to **solve complex scientific challenges** while maintaining rigorous **attention to detail**. As an **effective communicator**, I have published in high-impact journals, secured competitive research funding, and presented my findings at national and international conferences. Additionally, my strong **organizational** and **prioritization** skills allow me to excel in fast-paced and dynamic environments.

Professional Experience

Postdoctoral Clinical Research Scientist (1.9 years)

Dana-Farber Cancer Institute | Harvard Medical Schol, Boston, USA

- Conducted preclinical trials in onco-hematology, utilizing in vivo and in vitro models
- Decision-making and problem-solving in leading preclinical trials in hematology and oncology.
- Managed, designed, optimized and executed independent projects and collaborations with academic and industry partners.
- Handling clinical and preclinical data to inform research decisions.

Biopharmaceutical Scientist (1.6 years)

Massachusetts Institute of Technology (MIT), Cambridge, USA

- Designed and developed novel antibody-based therapeutics, including antibody-drug conjugates (ADCs).
- Secured competitive research grants and contributed to scientific publications and patent applications.
- Presented research at international conferences and collaborated with leading experts in the field.
- Engaged in cross-functional collaborations with biotech and pharma partners.

PhD Research Scientist (4.8 years)

Hospital 12 de Octubre and Spanish National Cancer Research Center, Madrid, Spain

- Conducted preclinical trials in onco-hematology, utilizing in vivo and in vitro models
- Led preclinical trials in onco-hematology, evaluating innovative therapies in multiple myeloma and other cancers.
- Delivered scientific communication at over 5 national and international conferences, tailoring presentations to medical and scientific audiences.
- Preparation and planification of study protocols and mentorship of BSc and MSc students.

Junior Research Scientist (1 year)

University of Liubliana, Slovenia

- Proactive and autonomous fast-learning capacity in cancer research projects.
- Gained expertise in molecular biology techniques, including cloning and protein expression and purification.

Education

2018-2023	PhD	PhD in Biomedical Research – Universidad Complutense de Madrid, Madrid.
2022	COURSE	Data Management for Clinical Research – Vanderbilt University, Nashville.
2021	COURSE	Introduction to Bioinformatics in Drug Discovery – Universidad Complutense de Madrid, Madrid.
2019	COURSE	Immunotherapy and Cellular Therapy in Hemato-Oncology– Clínica Universidad de Navarra, Madrid.
2018	COURSE	Handling of laboratory animals (functions A, B, and C)– National Cancer Research Center (CNIO), Madrid.
2015-2017	MSc	MSc in Health Analysis– Universidad Complutense de Madrid, Madrid.
2011-2015	BSc	BSc in Biochemistry – Universidad Complutense de Madrid, Madrid.

Other Achievements

- Awarded two times in international congress for outstanding presentation of my achievements.
- Speaker at 5+ scientific national and international Scientific conferences.
- Contributed to the patenting process of a novel therapeutic approach, currently under review.
- Published research articles in high-impact scientific journals.