



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

## **UNLIMITED – UNderstanding Lipid ImmunoMetabolism To trEat Disease**

How do lipids shape the behaviour of immune cells in different tissues? Understanding this could unlock more precise therapies for cancer, autoimmune disorders, and metabolic diseases. Supported by the Marie Skłodowska-Curie Actions programme, the UNLIMITED project trains doctoral candidates in cutting-edge techniques, including single-cell technologies, while bridging immunology, bioinformatics, and drug development. The research seeks to reveal how lipid pathways influence immune responses, paving the way for new treatment targets and more effective therapies. Beyond science, the programme nurtures a new generation of researchers, equipping them to drive health innovation in Europe and across the globe.

**Coordinator:** UniversitaetSmedizin der Johannes Gutenberg-Universitaet Mainz

**Beneficiary:** Università degli Studi di Padova

**UNIPD Supervisor:** Giulia Pasqual

**Department:** Department of Surgery, Oncology and Gastroenterology

**Total Contribution:** euro 4 482 132,12

**Project Duration in months:** 48

**Find out more:** <https://cordis.europa.eu/projects/en>