

Professor Claudia Maria Radu: PhD in Medical Sciences, Clinical and Experimental Cardiovascular Sciences. Associate Professor in technical sciences of laboratory medicine in the Department of Medicine and on Thrombotic Haemorrhagic Diseases Unit, University of Padua. Main research fields: Experience in Flow Cytometry using CytoFLEX and CytoFLEX SRT flow cytometers for the characterization of different cellular phenotypes, the analysis of platelet activation and reactivity, and the detection of extracellular vesicle (EV). Specialized in EV characterization, focusing on the development and standardization of analytical methods. Expert in CytoFLEX nano for developing standardized EV detection and characterization protocols. Expertise in confocal microscopy analysis using the DMI6000CS TCS SP8 microscope, including Time Lapse studies. Phenotypic and genotypic characterization of inherited coagulation disorders. Development of molecular gene therapies for patients with severe hemophilia and parahemophilia. Design of new models to assess thrombin generation in different coagulation diseases.

Member of the following Scientific Societies:

- Member of the International Society of Extracellular vesicles-ISEV.
- Member of the International Society of Thrombosis and Haemostasis-ISTH.
- Member of the “Società Italiana per lo Studio dell'Emostasi e della Trombosi-SISET”.
- Member of the “Società Italiana per le Vescicole Extracellulari-EVIta”.