

## **Marianna Tzanoudaki, MD PhD**

- Born and currently living in Athens, Greece.
- Medical Doctor specialized in Laboratory Medicine.
- PhD thesis on CMV specific T cell reconstitution post HSCT.
- Since 2002, Working in the Flow Cytometry & Cell Culture Laboratory of the Department of Immunology & Histocompatibility, Specialized and Referral Center for PID, of “Aghia Sophia” Children’s Hospital.



### **Main fields of experience:**

- Primary Immunodeficiencies: Implementation of Flow Cytometric and Functional methods for PID diagnosis, Contribution on the selection of appropriate tests for PID diagnostic workup, Development of novel affordable clinical diagnostic tests based on current knowledge, Continuous effort to raise awareness of PID in the scientific community, through a series of lectures.
- Pediatric Hematological Malignancies: Flow Cytometric Diagnosis and MRD evaluation of Pediatric Acute Leukemia. Affiliation with the iBFM flow group.
- Hematopoietic Stem Cell Transplantation and Cell Therapies: Hematopoietic stem cell enumeration, Evaluation of immune reconstitution post HSCT, Antigen specific T-cell enumeration for adoptive transfer, CAR-T cell enumeration both for patient follow up and in the context of CAR-T cell production.
- Antigen specific T and B cell Immunity assessment post vaccination.
- Quality assurance of applied techniques by adherence to established guidelines and affiliation with international groups and referral centers.

### **Other fields of interest:**

- Training of Postgraduate Students, Medical Doctors, Biologists and Laboratory Technicians at a local and an international level.
- Assistance to numerous PhD theses.
- Secretary General of the Greek Flow Cytometry Society