

Dimitra Kerdidani, PhD

Athens, Greece

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PROFESSIONAL PROFILE

Postdoctoral researcher specialized in tumor immunology, immunometabolism, adaptive immunity, and cancer immunotherapy, with extensive expertise in translational and mechanistic immunology research. Proven track record in investigating immune regulatory pathways shaping antitumor responses and immunotherapy efficacy through advanced cellular, molecular, and multi-omics approaches. Experienced in experimental design, high-dimensional immune profiling, animal models, bioinformatics collaboration, and translational oncology research. Strong publication record in high-impact journals including *Nature Communications* and *Journal of Experimental Medicine*, with demonstrated success in international collaborations, conference presentations, and competitive fellowships.

Research interests include:

- Cancer immunotherapy and immune checkpoint blockade
 - Regulatory T cell biology and immunometabolism
 - Tumor microenvironment and adaptive immune resistance
 - Dendritic cell and stromal cell immunobiology
 - Translational and precision immuno-oncology
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CURRENT POSITION

Postdoctoral Researcher — Laboratory of Immune Regulation (2021–Present), Biomedical Research Foundation Academy of Athens (BRFAA), Greece

PREVIOUS RESEARCH POSITIONS

Postdoctoral Researcher — Division of Bioinnovation (2019–2021), Biomedical Sciences Research Center “Alexander Fleming”, Greece

Visiting Postdoctoral Researcher (2019), Centre d’Immunologie de Marseille-Luminy (CIML), France

PhD Candidate — Division of Immunology (2014–2019), Biomedical Sciences Research Center “Alexander Fleming”, Greece

MSc Research Trainee (2012–2014), Biomedical Research Foundation Academy of Athens (BRFAA), Greece

Undergraduate Research Trainee (2008–2010), Biomedical Sciences Research Center “Alexander Fleming”, Greece

EDUCATION

PhD in Medicine (Honors), National and Kapodistrian University of Athens, Greece/ Division of Immunology, BSRC “Alexander Fleming”

MSc in Applications of Biology in Medicine (Honors), National and Kapodistrian University of Athens, Greece

BSc in Biology, National and Kapodistrian University of Athens, Greece

SELECTED PUBLICATIONS

1. [Keridani D.](#), Kontogianni G., Papaioannou E.N., et al. *Regulatory T cell signatures uncover metabolic states shaping Treg function and predict response to immune checkpoint inhibitors*. Under revision (Cancer Cell).
 2. [Keridani D.](#), Papaioannou N., Alissafi T. *Rebooting Regulatory T Cell and Dendritic Cell Function in Immune-Mediated Inflammatory Diseases: Biomarker and Therapy Discovery under a Multi-Omics Lens*. Biomedicines (2022).
 3. [Keridani D.](#), Aerakis E., Verrou K., et al. *Lung tumor MHCII immunity depends on in situ antigen presentation by fibroblasts*. Journal of Experimental Medicine (2022).
 4. [Keridani D.](#), Chouvardas P., Rocanin-Arjo A., et al. *Wnt1 silences chemokine genes in dendritic cells and induces adaptive immune resistance in lung adenocarcinoma*. Nature Communications (2019).
 5. [Keridani D.](#), Magkouta S., Tsoumakidou M. *Emphysema assessment for personalized immunotherapy response prediction in lung cancer patients*. Journal of Thoracic Disease (2019).
 6. [Keridani D.](#), Magkouta S., Chouvardas P., et al. *Cigarette smoke-induced emphysema exhausts early cytotoxic CD8+ T cell responses against nascent lung cancer cells*. Journal of Immunology (2018).
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