



Marina Francis

Postdoctoral Scholar, Radiation Therapy

Bio

BIO

Dr. Francis is a Postdoctoral Scholar in Dr. Everett Moding's lab at the Department of Radiation Oncology. She uses genomic analysis of patient samples and preclinical models to identify new targets that sensitize sarcoma to treatments like radiation and immunotherapy. Before joining Stanford University, she completed her PhD in Biomedical Sciences at the American University of Beirut, where she worked in Dr. Youssef Zeidan's lab investigating the role of the sphingolipid-modifying enzyme SMPDL3b in radiation nephropathy. Her research interests revolve around improving cancer treatment outcomes and patients' quality of life by optimizing radiation therapy, combined treatment strategies, personalized precision oncology, and mitigating collateral treatment-associated toxicities.

HONORS AND AWARDS

- Raja N. Khuri Award, American University of Beirut (June 2024)
- Best Poster Award, Biomedical Research Day, American University of Beirut (April 2023)
- SAFAR Program Award - Funded Research Training, Campus France Paris (May 2022)
- B.S. awarded with highest distinction (Summa Cum Laude), Notre Dame University (2017)
- Dean's Honor List, Notre Dame University (2014-2017)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, AACR (2024 - present)
- Member, ASTRO (2023 - present)
- Member, ASN (2022 - present)
- Member, APS (2018 - present)

PROFESSIONAL EDUCATION

- PhD, American University of Beirut , Biomedical Sciences (2024)
- MS, American University of Beirut , Physiology (2019)
- BS, Notre Dame University , Biology (2017)

STANFORD ADVISORS

- Everett Moding, Postdoctoral Faculty Sponsor

Research & Scholarship

LAB AFFILIATIONS

- Everett Moding, Moding Lab (7/1/2024)