Stanford



Ugur Parlatan

Basic Life Research Scientist, Rad/Canary Center at Stanford for Cancer Early Detection

Bio

BIO

Dr. Ugur Parlatan is a Basic Life Research Scientist at the Canary Center at Stanford for Cancer Early Detection. Trained as a physicist, he leads photonics laboratory activities and develops optical spectroscopy and imaging approaches for molecular fingerprinting and characterization of extracellular vesicles (EVs). His work includes designing and optimizing measurement workflows, analyzing EV signatures from biomedical samples, and supporting disease-focused studies across cancer and metabolic conditions (including lung cancer, glioblastoma, pancreatic cancer, diabetes, and hepatotoxicity). He also mentors trainees (including NIH CREST program interns) and contributes to manuscripts and grant applications.

ACADEMIC APPOINTMENTS

- Basic Life Research Scientist, Rad/Canary Center at Stanford for Cancer Early Detection