



National Institutes of Health
Office of Research on Women's Health



Julie Schwarz, M.D., Ph.D. (she/her)

Professor of Radiation Oncology, Vice-Chair of Research, Director of Cancer Biology Division, Washington University School of Medicine in St. Louis

Dr. Schwarz is a tenured professor in radiation oncology. She is a physician-scientist who sees and treats women with locally advanced cervical cancer. Dr. Schwarz completed her medical degree and Ph.D. as part of the Medical Scientist Training Program at the Washington University School of Medicine in St. Louis and completed residency in radiation oncology at Barnes-Jewish Hospital. Her areas of interest include gynecologic oncology, cervical cancer, molecular imaging, and biomarker development. Dr. Schwarz is an active member of the ASTRO/National Cancer Institute Radiobiology Consensus Workshop, the American Association for Cancer Research's (AACR) Radiation Oncology Think Tank, the AACR Radiation Science and Medicine Working Group, and the ASTRO Community of Radiation Oncology Physician Scientists. She was recently elected Vice President of the Radiation Research Society.

An R01-funded investigator, Dr. Schwarz conducts laboratory research that includes large-scale studies using human tumor specimens to examine the biologic pathways that regulate treatment response in cervical cancer. These studies have employed gene expression and advanced genomic analyses. She has identified alterations in gene expression, metabolism, and anti-tumor immunity that are associated with treatment resistance in cervical cancer.