

Rachel Yung, MD

Rachel Yung is an assistant professor at UWMC and a breast medical oncologist at Seattle Cancer Care Alliance (SCCA). Her research focuses on cancer survivorship, quality of life and lifestyle effects.

Dr. Yung is the director of the Breast cancer prevention and wellness centers at SCCA. She has partnered with the Associate director of patient safety and quality, Leila Amin, who is a licensed Occupational Therapist, to study an intervention to enable patients to return to work and stay at work as throughout and after cancer care.

The first goal of the study supported by the **Judith A. Lese Breast Cancer Foundation** is to establish how feasible the interventions are for patients. The study will also follow patient outcomes, evaluating the ability of study participants to continue their working lives with minimal disruption. This is important both for overall patient comfort and happiness, but also for their financial well-being, as we now understand that “financial toxicity” is associated with poorer overall outcomes.

Education and Training

- BS: University of Nebraska
- MD: Harvard Medical School
- Clinical Internship: Internal Medicine, Beth Israel Deaconess Medical Center
- Residency: Internal Medicine, Beth Israel Deaconess Medical Center
- Clinical Fellowship: Medical Oncology, Dana-Farber Cancer Institute, Brigham and Women’s Hospital, Massachusetts General Hospital
- Research Fellowship: Medical Oncology, Dana-Farber Cancer Institute.



Medical Oncologist

Seattle Cancer Care Alliance

Assistant Professor

*Medical Oncology Division
University of Washington*

Assistant Member

*Clinical Research Division
Fred Hutchinson Cancer
Research Center*

Nancy E. Davidson, M.D.



- ▶ Senior Vice President and Director, Clinical Research Division, and Endowed Chair for Breast Cancer Research, Fred Hutchinson Cancer Research Center
- ▶ President and Executive Director, Seattle Cancer Care Alliance
- ▶ Professor and Head, Division of Medical Oncology, University of Washington School of Medicine

SCIENTIFIC LEADERSHIP AND RESEARCH

- ▶ Dr. Davidson serves as a bridge builder across the cancer treatment, clinical, translational, basic sciences and public health research programs of the Fred Hutch/University of Washington Cancer Consortium.
- ▶ The researcher and breast medical oncologist has built a worldwide reputation for her expertise and leadership in this field, for her work teasing out the role of hormones in breast cancer growth, and for her impact on the development of new standards of care that exploit the weak points of breast cancer cells.
- ▶ Dr. Davidson's team was the first to describe how the activity of one of the estrogen receptor genes is regulated by epigenetic factors, which affect how the DNA code is read and translated into proteins.
- ▶ She has also made foundational contributions to our understanding of how estrogen deprivation and other therapies trigger breast cancer cells to kill themselves through apoptosis, or programmed cell death.
- ▶ Her lab studies paved the way for new clinical trials of drugs that exploit hormonal pathways to kill breast cancer. She has also led several critical trials that have established new therapeutic regimens for patients with the disease.

BACKGROUND

- ▶ Dr. Davidson has an M.D. from Harvard and completed an internship at the University of Pennsylvania, an internal medicine residency at The Johns Hopkins Hospital and a medical oncology fellowship at the National Cancer Institute. She was the Breast Cancer Research Professor of Oncology and founding director of the Breast Cancer Program at Hopkins. She was director of the University of Pittsburgh Cancer Institute from 2009 to 2016, when she came to the Hutch.
- ▶ She is a member of the scientific advisory boards for many foundations and cancer centers. She is a past president of the American Society of Clinical Oncology and president of the American Association for Cancer Research for 2016–2017. Her many honors include the NCI's Rosalind E. Franklin Award for Women in Science (2008), election to the National Academy of Medicine (2011) and Association of American Physicians (2010), and being listed among Thomson Reuters Highly Cited Researchers (2014-2015).