



DIETMAR W. SIEMANN, PhD
Associate Director for Education and Training
Professor and Associate Chair, Department of Radiation Oncology

DIETMAR W. SIEMANN, PhD, is the UF Health Cancer Center's associate director for education and training and the John P. Cofrin Professor for Research, with a primary appointment as a tenured professor and associate chair in the department of radiation oncology in the University of Florida College of Medicine and a secondary appointment in the department of pharmacology and therapeutics.

Dr. Siemann's research spans over 30 years of continuous funding from the National Cancer Institute. His laboratory studies novel experimental approaches and treatment strategies that will ultimately lead to improved cancer patient care. A primary area of interest is the tumor microenvironment as a major factor influencing treatment resistance of cancer to conventional anticancer therapies, and for its critical role in malignant progression and dissemination of tumor cells. His research encompasses topics ranging from molecular targeting of critical signaling pathways to the impact of aerobic exercise on tumor progression and cancer management.

Prior to coming to the University of Florida Dr. Siemann was a professor of radiation oncology at the University of Rochester and served as head of radiation biology and leader of the Experimental Therapeutics Program of the University of Rochester Cancer Center. He received his Ph.D. in Medical Biophysics from the University of Toronto.

Dr. Siemann's cancer career includes serving as a permanent member and chair of the NIH Radiation Study Section, membership in the committee reorganizing the Oncologic Sciences Study Sections at the NIH and the distinguished editorial panel in Oncological Sciences for Challenge RFAs. He chairs a long running bi-annual international scientific conference on the Tumor Microenvironment. He has published over 220 research articles and 30 book chapters and has edited two oncology textbooks. His research has been recognized with the 18th Research Award of the Radiation Research Society, the John M. Yuhas Award for Excellence in Radiation Oncology from the University of Pennsylvania, the University of Florida College of Medicine Basic Science Research Award, and two University of Florida Research Foundation Professorships.

His interest in education led him to develop a Cancer Biology Concentration in the Graduate Program in Biomedical Sciences at the College of Medicine and serve two terms as a member of the University of Florida Senate. He was the recipient of the UF Health Cancer Center Mentoring Award and the College of Medicine Exemplary Teachers Award. His trainees include 33 graduate students and post-doctoral fellows.

Areas of interest:

The tumor microenvironment and metastasis including:

- Aberrant tumor pathophysiology
- Cell signaling
- Cancer stem cells
- Targeted therapeutics