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Research Department of Radiation Oncology

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Evan Wuthrick, MD, is one of the Chief Residents in the Department of Radiation Oncology. He will finish his training here at Jefferson on June 30, 2011.

Dr. Wuthrick was selected to participate in two workshops sponsored by the American Association of Cancer Research/ American Society of Clinical Oncology. In July 2010 he attended the Molecular Biology in Clinical Oncology workshop held at the Given Institute of the University of Colorado in Aspen. It was an intensive, week-long educational opportunity on the latest developments in molecular biology relevant to clinical oncologists. New research on the molecular mechanisms that control cell growth has led to a rapid expansion in the understanding of the nature of cancer cells which has opened many potential avenues of translational cancer research. The goal will be to provide a thorough overview of the emerging role of molecular biology in clinical cancer care.

In August 2010 Dr. Wuthrick attended the American Society of Clinical Oncology/American Association of Cancer Researchers sponsored workshop entitled Methods in Clinical Cancer Research. The workshop was held in Vail, Colorado and focused on the design and conduct of clinical trials. Clinical trials completed in oncology provide definitive answers about the effectiveness of new approaches to cancer treatment or prevention. As part of the application for this workshop, Dr. Wuthrick submitted a detailed clinical trial proposal entitled, "Pilot Study to Reduce the Severity of Gastrointestinal Toxicity Using Concurrent Linaclotide with Chemoradiotherapy in Pancreatic Adenocarcinoma." The concept for this proposed clinical trial stems from work done in the laboratory of Dr. Scott Waldman, Professor and Chair of the Department of Pharmacology and Experimental Therapeutics at Jefferson.

Research Department of Radiation Oncology

Basic Research Studies/Grants

- 17AAG abrogates repair of DSBs by HR in tumor cells at acidic pH but not at pH7.3
- Spatial Response of Locally Advanced Non-Small Cell Lung Tumors to Radiotherapy: A Secondary Analysis of ACRIN 6668 / RTOG 0235
- Prostate Cancer Foundation Young Investigator Awards
- RTOG Group Member Agreement
 - Physicist Chair
 - Vice Chair Translational Research Program

Clinical Research Studies/Grants

- RTOG #0848 : A Phase III Trial Evaluating Both Erlotinib and Chemoradiation as Adjuvant Treatment for Patients with Resected Head of Pancreas Adenocarcinoma
- RTOG #0815 : A Phase III Prospective Randomized Trial of Dose-Escalated Radiotherapy with or without Short-Term Androgen Deprivation Therapy for Patients with Intermediate-Risk Prostate Cancer
- NIH: Phase I Study: Using EUCLIDIAN Robotic Assistance During Prostate Brachytherapy (NIH/NCI CA091763: CA107860)
- RTOG #0831/Cialis: A randomized, double-blinded, placebo-controlled phase III trial to evaluate the effectiveness of a phosphodiesterase 5 inhibitor, tadalafil, in prevention of erectile dysfunction in patients treated with radiotherapy for prostate cancer
- Wyeth/Pfizer : A Pilot Study of Chemoradiotherapy Plus Temsirolimus (Torisel) for Advanced Head and Neck Cancer
- RTOG #0631: Phase II/III Study of Image-Guided Radiosurgery/ SBRT for Localized Spine Metastasis
- RTOG #0627: Phase II Trial of Dasatinib in Patients with Recurrent Glioblastoma Multiforme
- NCCTG #N0577: Phase III Intergroup Study of Radiotherapy versus Temozolomide alone versus Radiotherapy with Concomitant and Adjuvant Temozolomide for Patients with 1p/19q Codeleted Anaplastic Glioma
- RTOG #0539: Phase II Trial of Observation for Low-Risk Meningiomas and of Radiotherapy for Intermediate- and High-Risk Meningiomas
- ECOG E3F05: Phase III Study of Radiation Therapy with or without Temozolomide for Symptomatic or Progressive Low-Grade Gliomas