

# Environmental Cancers: Risk Factors, Mechanisms, and Therapies

Please join the Vermont Cancer Center, at the University of Vermont and Fletcher Allen Health Care, in collaboration with Dartmouth-Hitchcock Norris Cotton Cancer Center, for a **FREE** day-long research symposium featuring presentations focused on clinical and translational research with particular emphasis on lung cancer/mesothelioma and skin cancers/melanoma. This conference is designed to encourage the collaborations and development of effective processes to foster clinical and translational research pipelines.

**FRIDAY, NOVEMBER 6, 2009, 8:50 am–4:30 pm**

University of Vermont  
Grand Maple Ballroom, Dudley H. Davis Center  
Burlington, VT

Registration is free, but required by **October 23**. Details online at [www.VermontCancer.org/ResearchSymposium2009](http://www.VermontCancer.org/ResearchSymposium2009) or call 802-656-4414. Lunch will be provided.

Presented by  **Vermont Cancer Center**  
University of Vermont • Fletcher Allen Health Care

With Support from  **LAKE CHAMPLAIN  
CANCER RESEARCH  
ORGANIZATION, INC.**

In Collaboration with  **Dartmouth-Hitchcock  
NORRIS COTTON  
CANCER CENTER**

## SPECIAL SYMPOSIUM PRESENTATION

### J. WALTER JUCKETT DISTINGUISHED LECTURE Cancer Complexity: Insights from Systems Approaches to the Genetics of Cancer Susceptibility

**ALLAN BALMAIN, Ph.D., F.R.S.E.**

Barbara Bass Bakar Distinguished Professor in Cancer Genetics  
UCSF Helen Diller Family Comprehensive Cancer Center  
Cancer Research Institute



**DR. BALMAIN** currently holds the Barbara Bass Bakar Distinguished Professorship in Cancer Genetics at the University of California, San Francisco. He is Co-Director of the Cancer Genetics Program and Director of the Genome Core Facility at UCSF Cancer Center. Dr. Balmain was educated in Glasgow, Scotland, and did his post-doctoral work in France and Germany before returning

to Scotland, where he was Professor of Cancer Genetics at the Beatson Institute and Department of Medical Oncology at the University of Glasgow. He moved in 1997 to take a position as Vice President of Research at Onyx Pharmaceuticals in San Francisco, California. Dr. Balmain has used combinations of mouse models and human cancer studies to understand the genetic basis of cancer predisposition.

*Made possible with support from the Lake Champlain Cancer Research Organization*

## POSTER SESSION

Participants are encouraged to present posters on *any area of cancer-related research*, not only those relating to the topics of this symposium. Posters may have been presented elsewhere. All are encouraged to enter and a \$125 award will be given in each of two separate categories: Pre-doc/Post-doc and Faculty/Staff. Please submit your poster abstract no later than **October 23**. More information and abstract submission form available at [www.VermontCancer.org/ResearchSymposium09](http://www.VermontCancer.org/ResearchSymposium09).

## HOTEL ACCOMMODATIONS

A group rate has been arranged at the Sheraton Burlington Hotel for \$98 per night plus tax for the event. The group rate is available until **October 28** and is subject to availability. To make reservations online, visit [www.VermontCancer.org/ResearchSymposium09](http://www.VermontCancer.org/ResearchSymposium09) and click on the link under hotel room block. To make reservations by phone, call 1-800-325-3535 and ask for the "VCC Research Symposium block."

## PARKING

If you do not have a valid Fletcher Allen Health Care or UVM parking pass and plan to drive to this event, please call or email Kelly O'Malley at 802-656-2176 or [kelly.omalley@uvm.edu](mailto:kelly.omalley@uvm.edu) for parking information.

## UNIVERSITY OF VERMONT COLLEGE OF MEDICINE ORGANIZING COMMITTEE

Brooke T. Mossman, Ph.D. (Co-Organizer) **vcc**, Professor and Director, Environmental Pathology Program

Susan S. Wallace, Ph.D. (Co-Organizer) **vcc**, Professor and Chair of Microbiology & Molecular Genetics

Nicholas H. Heintz, Ph.D. **vcc**, Professor of Pathology

Yvonne M. W. Janssen-Heininger, Ph.D. **vcc**, Professor of Pathology

Barry A. Finette, M.D., Ph.D. **vcc**, Professor of Pediatrics

Steven M. Grunberg, M.D. **vcc**, Professor of Medicine - Hematology/Oncology

Ted A. James, M.D. **vcc**, Assistant Professor of Surgery

Daniel Weiss, MD, Ph.D., Associate Professor of Medicine

## Program Agenda

**8:50-9:00 am**

**Welcome & Opening Remarks**

**RICHARD BRANDA, M.D.** **VCC**

Professor Emeritus of Medicine and Pharmacology  
Interim Director, Vermont Cancer Center

**MORNING PROGRAM**

**Lung Cancers/Mesothelioma**

**PROGRAM CO-CHAIRS**

**BROOKE T. MOSSMAN, PH.D.** **VCC**

Professor of Pathology  
Director, Environmental Pathology Training Program  
University of Vermont College of Medicine

**ALAN EASTMAN, PH.D.**

Professor of Pharmacology and Toxicology  
Co-Director, Molecular Therapeutics Research Program  
Dartmouth Medical School

**9:00-9:20 am**

**Prognosis and Treatment of Mesothelioma**

**STEVEN GRUNBERG, M.D.** **VCC**

Professor of Medicine  
University of Vermont College of Medicine  
Medical Oncologist  
Fletcher Allen Health Care

**9:20-10:05 am**

**Novel Approaches for Identifying Risk Factors for Mesothelioma**

**NANCY J. COX, PH.D.**

Professor and Section Chief of Genetic Medicine, Department of Medicine  
University of Chicago

**10:05-10:25 am**

**Oxidant Metabolism as a Therapeutic Target in Mesothelioma**

**NICHOLAS H. HEINTZ, PH.D.** **VCC**

Professor of Pathology  
University of Vermont College of Medicine

**10:25-10:45 am**

**Mechanisms of Lung Epithelial to Mesenchymal Cell Transition**

**YVONNE JANSSEN-HEININGER, PH.D.** **VCC**

Professor of Pathology  
University of Vermont College of Medicine

**10:45-11:00 am**

**Break**

**11:00-11:45 am**

**Mineral Fibers and Mesothelioma:**

**Genetic Lessons from Mice and Men**

**JOSEPH R. TESTA, PH.D., F.A.C.M.G.**

Fox Chase Cancer Center  
Professor/Senior Member  
Carol and Kenneth Weg Chair in Human Genetics  
Co-Director, Cancer Signaling and Genetics Program  
Scientific Leader, Personalized Kidney Cancer Therapy Keystone Program  
Chair, Mesothelioma Working Group

**11:45 am-12:05 pm**

**Arsenic and Lung Cancer in New England**

**ANGELINE ANDREW, PH.D.**

Assistant Professor, Community and Family Medicine  
Dartmouth Medical School

**12:05-1:00 pm**

**Lunch and Poster Viewing**

**1:00-1:45 pm**

**Bidirectional Translational Research for Lung Cancer**

**ETHAN DMITROVSKY, M.D.**

Andrew G. Wallace Professor of Pharmacology & Toxicology and of Medicine  
American Cancer Society Professor  
Dartmouth Medical School

**AFTERNOON PROGRAM**

**Skin Cancers/Melanoma**

**PROGRAM CO-CHAIRS**

**SUSAN S. WALLACE, PH.D.** **VCC**

Professor of Microbiology and Molecular Genetics  
University of Vermont College of Medicine

**TED A. JAMES, M.D.** **VCC**

Assistant Professor of Surgery  
University of Vermont College of Medicine  
Surgical Oncologist  
Fletcher Allen Health Care

**1:45-2:10 pm**

**Ultraviolet Light and Skin Cancer: An Overview**

**MARCUS BOSENBERG, M.D., PH.D.**

Associate Professor of Dermatology and Pathology  
Yale University

**2:10-2:55 pm**

**J. WALTER JUCKETT DISTINGUISHED LECTURE  
Cancer Complexity: Insights from Systems Approaches to the Genetics of Cancer Susceptibility**

**ALLAN BALMAIN, PH.D., F.R.S.E.**

Barbara Bass Bakar Distinguished Professor in Cancer Genetics  
UCSF Helen Diller Family Comprehensive Cancer Center  
Cancer Research Institute

**2:55-3:10 pm**

**Break**

**3:10-3:30 pm**

**Current Status of Melanoma Treatment and Prognosis: Where Are We Now?**

**SUSAN BURDETTE-RADOUX, M.D.** **VCC**

Associate Professor  
Physician Leader, Melanoma Multidisciplinary Program  
University of Vermont College of Medicine  
Hematologist/Oncologist  
Fletcher Allen Health Care

**3:30-3:55 pm**

**Immunotherapeutic Strategies for Melanoma Therapy**

**MARC S. ERNSTOFF, M.D.**

Professor of Medicine, Hematology-Oncology  
Norris Cotton Cancer Center  
Dartmouth-Hitchcock Medical Center  
Dartmouth Medical School

**3:55-4:20 pm**

**Overview of the New Hampshire Skin Study**

**LINDA TITUS-ERNSTOFF, PH.D., M.A.**

Professor of Community and Family Medicine  
Professor of Pediatrics  
Associate Director of the Hood Center for Children and Families  
Norris Cotton Cancer Center  
Dartmouth-Hitchcock Medical Center  
Dartmouth Medical School

**4:20 pm**

**Announcement of Poster Winners**

*Please note: Agenda is subject to change.*

**VCC Vermont Cancer Center Members**



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