THE PENNSYLVANIA STATE UNIVERSITY
PENN STATE MILTON S. HERSHEY MEDICAL CENTER
DEPARTMENT OF CONTINUING EDUCATION G220
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The Pennsylvania State University is committed to the policy that all persons shall have equal access to programs, facilities, admission, and employment without regard to personal characteristics not related to ability, performance, or qualifications as determined by University policy or by state or federal authorities. It is the policy of the University to maintain an academic and work environment free of discrimination, including harassment. The Pennsylvania State University prohibits discrimination and harassment against any person because of age, ancestry, color, disability or handicap, national origin, race, religious creed, sex, sexual orientation, gender identity, or veteran status. Discrimination or harassment against faculty, staff, or students will not be tolerated at The Pennsylvania State University. Direct all inquiries regarding the nondiscrimination policy to the Affirmative Action Director, The Pennsylvania State University, 328 Boucke Building, University Park, PA 16802-5901; Tel 814-865-4700/V, 814-863-1150/TTY. U.Ed. MED 12-008 beeb

A continuing education service of Penn State College of Medicine and Penn State Hershey Cancer Institute

Seventeenth Annual Penn State Hershey Cancer Institute Symposium

Thursday, October 27, 2011

Edward P. Junker III Auditorium
Penn State Milton S. Hershey Medical Center
Hershey, Pennsylvania

Partially underwritten by the Building Industry Association of Lancaster County's Research Fund for Cancer, an endowment created in 1988.

PENNSTATE HERSHEY
Cancer Institute
1855

Intent

This program is designed to acquaint participants with current trends of basic research and clinical applications in the field of cancer.

Objectives

Upon completion, participants should be able to:

- Recognize the role of autophagy in cancer-associated fibroblasts in promoting tumor cell survival
- Discuss the role of TGF-beta as a target to suppress metastasis
- Review prevention strategies for breast and colon cancer
- Review cancer prevention from an NCI perspective

Audience

Oncologists, general and family practitioners, internists, nurses, residents, basic scientists, surgeons, graduate students, and other health-care professionals can benefit from attending this program.

Credit

Penn State has approved this program for 0.5 Continuing Education Units (CEUs).

Penn State College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Penn State College of Medicine designates this educational activity for a maximum of 5.0 *AMA PRA Category 1 Credit(s)™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

It is our policy to ensure balance, independence, objectivity, and scientific rigor in all of our sponsored educational programs. Faculty and course directors have disclosed relevant financial relationships with commercial companies, and Penn State has a process in place to resolve any conflict of interest. Complete faculty disclosure will be provided to program participants at the beginning of the activity.

Registration Information

There is no fee for this program, however preregistration is required.

Register by October 20, 2011. Please contact the Continuing Education Office if you need to cancel, so that others may register.

Register online, by fax, or by mail. Registrations will be confirmed by e-mail. If you do not receive a confirmation within two weeks, phone 717-531-6483 to confirm. Late registrations will be accepted if space is available. Walk-in registrations will be limited.

Cancellation Policy

The University may cancel or postpone any course or activity. If a program is canceled or postponed, the University cannot be held responsible for any other related costs, charges, or expenses, including cancellation/change charges assessed by airlines or travel agencies. Preregistered participants will be notified if a program is canceled or postponed.

Accommodations

Overnight accommodations are the responsibility of the participant. A list of accommodations in the Hershey area is available on request or online at www.pennstatehershey.org/web/guest/patientcare/patientvisitorinformation/lodging.

Access

Penn State encourages persons with disabilities to participate in its programs. If you anticipate needing any type of special accommodation or have questions about the physical access provided, please contact Continuing Education in advance of your participation.

For More Information or to Register Online

- Call: 717-531-6483
- E-mail: ContinuingEd@hmc.psu.edu
- Web: www.pennstatehershey.org/ce

Agenda

8:00 a.m. Final Registration and Continental Breakfast

8:45 **Welcome and Introduction**
Andrea Manni, MD

Prevention
Moderator: Karam El-Bayoumy, PhD

9:00 **Molecular Approaches to the Screen Detection of Colorectal Cancer and Precancer**
David A. Ahlquist, MD

9:45 **Breast Cancer Prevention**
Powell H. Brown, MD, PhD

10:30 Break

10:45 **Prevention with a Focus on Prostate Cancer**
Howard L. Parnes, MD

11:30 **Questions**

11:45 p.m. Lunch (provided)—University Conference Center

Tumor Microenvironment
Moderator: Daniel A. Notterman, MD

1:30 **Micrometastatic Cells as a Clinical Target**
George Sledge Jr., MD

2:15 **Targeting TGF-beta to Suppress Metastasis**
Lalage Wakefield, DPhil

3:00 Break

3:15 **Autophagy in Cancer-Associated Fibroblasts Promotes Tumor Cell Survival: Role of Hypoxia, HIF1 Induction, and NFκB Activation in the Tumor Stromal Microenvironment**
Michael P. Lisanti, MD, PhD

4:00 **Question and Answer Session**

4:15 Closing Remarks
Program Evaluation and Adjournment

Speakers

David A. Ahlquist, MD
Professor of Medicine
Department of Gastroenterology and Hepatology
Mayo Clinic
Rochester, Minnesota

Powell H. Brown, MD, PhD
Professor and Chairman
Department of Clinical Cancer Prevention
Division of Ovine Papillomaviruses
Cancer Prevention and Population Sciences
The University of Texas
MD Anderson Cancer Center
Houston, Texas

Michael P. Lisanti, MD, PhD
Director, Stem Cell Biology and Regenerative Medicine Center
Director, Basic and Translational Science, Department of Medical Oncology
Editor-in-Chief, *The American Journal of Pathology*
Leader, Program in Molecular Biology and Genetics of Cancer
Landenberger Endowed Professor in Breast Cancer Research
Professor of Cancer Biology, Medical Oncology, and Biochemistry
Kimmel Cancer Center
Thomas Jefferson University
Philadelphia, Pennsylvania

Howard L. Parnes, MD
Chief, Prostate and Urological Cancer Research Group
Division of Cancer Prevention
National Cancer Institute
Bethesda, Maryland

George Sledge Jr., MD
Ballve-Lantero Professor, Department of Medicine,
Division of Hematology/Oncology
Professor, Department of Pathology and Laboratory Medicine
Co-leader, Breast Cancer Program
Indiana University School of Medicine
Indianapolis, Indiana

Lalage Wakefield, DPhil
Chief, Cancer Biology of TGF Section
Laboratory of Cancer Biology and Genetics
National Cancer Institute
Bethesda, Maryland

Moderators

Karam El-Bayoumy, PhD
Distinguished Professor of Biochemistry and Molecular Biology
Penn State Milton S. Hershey Medical Center
Penn State College of Medicine
Hershey, Pennsylvania

Daniel A. Notterman, MD
Professor of Pediatrics and Biochemistry and Molecular Biology
Vice Dean, Research and Graduate Studies
Penn State Milton S. Hershey Medical Center
Penn State College of Medicine
Hershey, Pennsylvania
Associate Vice President, Health Sciences Research
Penn State

Academic Coordinator

Andrea Manni, MD
Professor of Medicine; Chief, Division of Endocrinology, Diabetes and Metabolism
Penn State Hershey Cancer Institute
Penn State Milton S. Hershey Medical Center
Penn State College of Medicine
Hershey, Pennsylvania

This symposium was planned with the help of the Penn State Hershey Cancer Institute Education Committee.

REGISTRATION FORM

17th Annual Penn State Hershey Cancer Institute Symposium

October 27, 2011 • E4293-12-Y

Register online, by fax, or by mail. If you do not receive a confirmation from Penn State within two weeks, call 717-531-6483 to confirm. Please provide both daytime and evening phone numbers so we can contact you if last-minute changes occur.

Name (first name, M.I., last name) Degree(s)/Credentials

E-mail (Print legibly. Used for confirmation, registration status, and program materials.)

Home Address ☐ male ☐ female

City State Zip Code

Daytime Phone Evening Phone Fax Number

Hospital or Organization

Address (HMC/COM employees—provide dept. name/mail code)

City State Zip Code

Special Needs (dietary, access, etc.) Specialty/Position

Are you planning to attend the provided luncheon?
There is no fee for the luncheon.
☐ yes
☐ no
Note: Tickets are required and will be issued.

Preregistration is required. Register by October 20, 2011. Please notify the Continuing Education Office if you need to cancel, so that others may register.

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