Targeting Carcinogenesis

October 6 - 7, 2005
Kahler Grand Hotel
Rochester, Minnesota

NIH SPONSORED CONCURRENT WORKSHOP
“p53–Apoptosis and Carcinogenesis”
October 5, 2005

A jointly sponsored program of
Hormel Institute/University of Minnesota &
Mayo School of Continuing Medical Education
Intended Audience

This Targeting Carcinogenesis course is directed to:
- Clinician Investigators
- Laboratory Scientists
- Translational Researchers
- Post-doctoral Fellows
- Graduate Students
- Others interested in exploring molecular pathways involved in carcinogenesis

Course Description

Further understanding of carcinogenic mechanisms at the cellular/molecular level is needed to facilitate continued advances in cancer prevention, treatment, and control.

Course Learning Objectives

- Critically assess key molecular targets involved in cancer prevention, treatment and control.
- Identify molecular targets that may be appropriate for chemoprevention and chemotherapy drug development.
- Distinguish similarities and differences in molecular targets of carcinogenesis.
- Recognize recent advances in translational research related to molecular targets of carcinogenesis.
- Determine with federal programs and funding opportunities related to molecular targets of carcinogenesis.

Attendance at this Mayo course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

NIH Sponsored Concurrent Workshop

There will be an NIH sponsored workshop entitled “p53-Apoptosis and Carcinogenesis”. This workshop will be held at the Kahler Hotel on October 5, 2005 in conjunction with the Cancer Etiology NIH Study Section.

Faculty Disclosure

As a provider accredited by ACCME, Mayo School of Continuing Education must ensure balance, independence, objectivity and scientific rigor in its educational activities. All faculties participating in a Mayo School of Continuing Education activity are required to disclose commitments to and/or relationships with pharmaceutical companies, biomedical device manufacturers or distributors, or others whose products or services may be considered to be related to the subject matter of the educational activity. Faculty will also disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of these commitments and/or relationships will be published in course materials so those participants in the activity may formulate their own judgments regarding the presentation.

Credit

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of Mayo College of Continuing Medical Education and Hormel Institute, University of Minnesota. Mayo Foundation is accredited by the ACCME to provide continuing medical education for physicians. Mayo School of Continuing Education designates this educational activity for a maximum of 10.5 category 1 credits toward the AMA Physician’s Recognition Award. Each physician should claim only those credits he/she actually spent in the activity.
Educational Grants

This course is supported in part by educational grants in accordance with ACCME Standards.

Location

Targeting Carcinogenesis will be headquartered in the Kahler Grand Hotel. The Mayo Medical Center connects by subway and a sky system to downtown Rochester and to both the Kahler Grand Hotel and The Marriott Plaza Hotel.

Travel

Rochester, Minnesota greets thousands of visitors from around the world each year. The city is serviced by a modern international airport with multiple flights daily from Chicago and Minneapolis via American and Northwest Airlines. Access to and from the Rochester airport is provided by taxi cab and shuttle service. The airport is located approximately ten miles from the Mayo Medical Center complex.

Should you require a larger variety in flight options, there is shuttle service available from Minneapolis to Rochester. Minneapolis is approximately 70 miles north of Rochester. Rochester Direct, a local shuttle company is located in the Kahler Hotel. Their schedule is available on www.rochesterdirect.com. Reservations are strongly encouraged.

A Note to Travelers: Several cities in the United States are named Rochester. When you make airline reservations and check your baggage, be sure that your destination is Rochester, Minnesota (RST) and that your baggage has been properly tagged.

Lodging

Accommodations

A block of guest rooms for Targeting Carcinogenesis has been reserved with a special course rate at the Marriott Plaza Hotel and The Kahler Grand Hotel. To ensure accommodations and the discounted rate, please make your reservation by September 12, 2005, and identify yourself as a participant of the Targeting Carcinogenesis course.

All reservations must be accompanied by a first night room deposit or guaranteed to a major credit card. The hotels will not hold reservations unless secured by one of the above methods. The Marriott Plaza Hotel and the Kahler Grand Hotel connect by a sky system to each other and to downtown Rochester.

Rochester Marriott Hotel
101 First Avenue SW
800-533-1655 or 507-280-6000
$109.00 USD per night
www.rochestermarriott.com

The Kahler Grand Hotel
20 Second Avenue SW
800-533-1655 or 507-282-2581
$79.00 USD per night
www.kahler.com

The above rate is based on single or double occupancy, plus tax. Travel and hotel arrangements are the sole responsibility of the individual registrant.

For other accommodation options, you may also wish to visit the Rochester Convention and Visitors Bureau web site: www.rochestercvb.org.

Parking

Parking is available in hotel, city and Mayo patient/visitor ramps. The cost for parking is not included in the registration fee. A map indicating the location of downtown parking facilities will be mailed with the registration confirmation letter.
General Information

Registration

Please Note – To register, complete the attached registration form and return by mail or fax. The registration fee includes tuition, breakfasts, break refreshments, lunch, and a Thursday evening reception. Please indicate on your registration form if you plan to attend the reception.

Receipt of registration information does not ensure course attendance. We will attempt to accommodate all registrants; however meeting space is limited and early registrations are strongly recommended. Accepted registrations are confirmed via e-mail and letter. Registrations are not confirmed verbally.

It is strongly recommended that you do not make hotel and air travel arrangements prior to receiving a written confirmation that your registration has been accepted. MSCME is not responsible for travel-related costs for non-confirmed registrations.

Please present the confirmation letter when checking in at the meeting registration desk.

Cancellation Policy

Your registration fee, less a $75 administrative fee, will be refunded when written notification is received by the Mayo College of Continuing Medical Education before September 22, 2005 (fax#: 507-284-0532). No refunds will be extended after that date.

Faculty

Course Directors
Paul Limburg, M.D., M.P.H.
Department of Gastroenterology and Hepatology
Mayo Clinic College of Medicine

Zigang Dong, M.D., Dr. P.H.
Hormel Institute
University of Minnesota

Mayo Clinic Faculty
Junjie Chen, Ph.D.
Yuan-Ping Pang, Ph.D.
Frank Sinicrope, M.D.
Raul Urrutia, M.D.

Hormel Institute Faculty
Ann Bode, Ph.D.
Douglas Yee, M.D.

Special Guest Faculty
Rajesh Agarwal Ph.D.
University of Colorado
Tim Bowden, Ph.D.
University of Arizona
Roderick Dashwood, Ph.D.
Oregon State University
Roger J. Davis, Ph.D.
University of Massachusetts Medical School

John DiGiovanni, Ph.D.
UT M.D. Anderson Cancer Center
Tom Hei, Ph.D.
Columbia University
Waun Ki Hong, M.D.
UT M.D. Anderson Cancer Center
Jaques Huot, Ph.D.
Laval University
Michael Karin, Ph.D.
University of California, San Diego
Kun Ping Lu, M.D., Ph.D.
Harvard Medical School
Ze’ev Ronai, Ph.D.
The Bunham Institute
Dennis Roop, Ph.D.
Baylor College of Medicine
Yi Sun, Ph.D.
University of Michigan
Young-Joon Surh, Ph.D.
Seoul National University
Ajit Verma, Ph.D.
University of Wisconsin
Xiao-Jing Wang, Ph.D.
Oregon Health & Science University
Chung Yang, PhD.
Rutgers University
Program Schedule

Thursday, October 6, 2005

7:15 a.m.  Registration and Continental Breakfast
7:40 a.m.  Welcome and Introduction
           Zigang Dong, M.D., Dr.P.H.

SECTION I – MITOGENIC SIGNALING
Chairs: Xiao-Jing Wang and Ann Bode

7:50 a.m.  MAP Kinases in Cancer
           Roger Davis, Ph.D.
8:20 a.m.  IKK: The Key to Inflammation and Cancer Development
           Michael Karin, Ph.D.
8:50 a.m.  Oxidative Stress
           Jacques Huot, Ph.D.
9:10 a.m.  JNK and Its Substrates
           Zigang Dong, M.D., Dr.P.H.
9:30 a.m.  Break
9:50 a.m.  Protein Kinases in UV-induced Skin Carcinogenesis
           Ajit Verma, Ph.D.
10:10 a.m. The Role of TGFbeta in Skin Inflammation and Carcinogenesis
          Xiao-Jing Wang, Ph.D.
10:30 a.m. NFkappaB and Nrf2 as Prime Molecular Targets for Chemoprevention and Cytoprotection
          Young-Joon Surh, Ph.D.
10:50 a.m. Molecular and Cellular Targets
          Ann Bode, Ph.D.
11:10 a.m. Question, Answer and Discussion
11:30 a.m. Lunch and Posters

SECTION II – TRANSCRIPTION FACTORS
Chairs: Tim Bowden and John DiGiovanni

1:30 p.m.  Defining the Role of STAT
           John DiGiovanni, Ph.D.
1:50 p.m.  UVB-induced Signaling Pathways
           Tim Bowden, Ph.D.
2:10 p.m.  Update on p63
           Dennis Roop, Ph.D.
2:30 p.m.  Key Regulators of Transcription
           Raul Urrutia, M.D.
2:50 p.m.  Question, Answer and Discussion
3:10 p.m.  Break
3:30 p.m.  Influences of ATF2
           Ze’ev Ronai, Ph.D.
3:50 p.m.  The Prolyl isomerase Pin1: A Promising New Anticancer Target
           Kung Ping Lu, M.D., Ph.D.
4:10 p.m.  ATM/ATR Mediated Response
           Junjie Chen, Ph.D.
Program Schedule

Friday, October 7, 2005

SECTION III – CANDIDATE CHEMOPREVENTION AGENTS
Chair: Zigang Dong

7:30 a.m. Continental Breakfast
7:50 a.m. Molecular Targets for the Cancer Preventive Activity of Tea
Chung S. Yang, Ph.D.
8:10 a.m. Molecular Biology of COX-2 Inhibitors
Frank Sinicrope, M.D.
8:30 a.m. Targeting the IGF Axis
Douglas Yee, M.D.
8:50 a.m. Dietary Agents as HDAC Inhibitors
Roderick Dashwood, Ph.D.
9:10 a.m. Question, Answer and Discussion
9:30 a.m. Break

SECTION IV – TRANSLATIONAL RESEARCH
Chair: Paul Limburg

9:50 a.m. Molecular Targets for Aerodigestive Cancer Prevention
Waun Ki Hong, M.D.
10:20 a.m. COX-2 as A Candidate Signaling Molecule in Radiation-induced Bystander Cell Effect
Tom Hei, Ph.D.
10:50 a.m. Prostate Cancer Prevention
Rajesh Agarwal, Ph.D.
11:20 a.m. Molecular Targets for Small Molecules
Yuan-Ping Pang, Ph.D.
11:50 a.m. Question, Answer and Discussion
12:15 a.m. Concluding Remarks
Paul Limburg, M.D., Ph.D.
12:30 p.m. Adjourn

Special Note –
The proceedings of the workshop and symposium will be published as review articles in a special issue of “Molecular Carcinogenesis”.
## Targeting Carcinogenesis

**October 6 - 7, 2005**

**Kahler Grand Hotel • Rochester, Minnesota**

Mail or Fax this completed registration form to and payment to:

Mayo School of Continuing Medical Education  
200 First Street SW  
Rochester, MN 55905

**Telephone:** 800-323-2688 or 507-284-2509  
**FAX:** 507-284-0532  
**Website:** www.mayo.edu/cme  
**E-mail:** cme@mayo.edu

### Registration Form

<table>
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<tr>
<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>Medical Specialty</th>
<th>Which do you prefer to be your mailing address:</th>
<th>Work Address</th>
<th>Home Address</th>
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<th>Business Telephone</th>
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(Please print or type all information. You may duplicate this form for multiple registrations.)

WELCOME RECEPTION (**Thursday, October 6 at 7 p.m.**):  
☐ Yes, I will be attending. ☐ No, I will not be attending.

**PAYMENT**

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<th>Registration Fee:</th>
<th>Physician Fee:</th>
<th>$450 USD per person</th>
<th>$__________</th>
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Total Payment Enclosed: $__________

☐ Check (make checks payable to Mayo Foundation)  
☐ Credit Card: ☐ Visa ☐ MasterCard ☐ Discover

Card Number | Expiration date MO/YY  
Signature | Date

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Online registration and abstract submission
information available at www.mayo.edu/cme

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