2nd Annual International Conference

Immunotherapy Radiotherapy Combinations

September 21, 22, 23 2017
NEW YORK CITY

• Speakers from renowned European and North American institutions and leading groups in the fields of Radiation Oncology and Immunotherapy

• Current research, challenges and novel therapeutic options

Conference Partners:

Weill Cornell Medicine
NewYork-Presbyterian
SITC
SOCRATE
Gustave Roussy
2nd Annual International Conference

Immunotherapy Radiotherapy Combinations

September 21, 22, 23
Thurs., Fri., Sat. 1/2 day
2017
NEW YORK CITY

Conference Chairs

Silvia C. Formenti, MD
Sandra and Edward Meyer Professor of Cancer Research
Chairman, Department of Radiation Oncology
Associate Director, Meyer Cancer Institute,
Weill Cornell Medicine
Radiation Oncologist-in-Chief,
NewYork-Presbyterian Hospital

Eric Deutsch, MD, PhD
Chairman, Department of Radiation Oncology at Gustave Roussy
& INSERM 1030 Molecular Radiotherapy
South Paris University Professor of Radiation Oncology

Target Audience
Radiation oncologists, radiation oncologists-in-training, oncologists, tumor immunologists, radiation and cancer biologists, residents, fellows and graduate students.

Conference Overview
This 2nd Annual International Conference on Immunotherapy Radiotherapy Combinations builds on the success of our 2016 inaugural conference organized and hosted by Eric Deutsch, MD, PhD, and colleagues at the Institut Gustave Roussy in Paris, France.

The Conference provides attendees with an overview of synergistic collaborations among basic scientists and translational clinicians in the rapidly evolving and exciting fields of immunotherapy and oncology. We are alternating the conference locations between Paris and New York on an annual basis, to foster broad international participation and knowledge sharing.

This year’s Conference in New York City is hosted by Weill Cornell Medicine, Meyer Cancer Center, and the NewYork-Presbyterian Hospital, and features distinguished speakers from leading European and North American institutions. The program offers two and one-half days of lectures, case presentations, and discussions on important topics such as modulating the tumor and host environment, immunological biomarkers for patient selection, and innovative clinical trial design. Program attendees will have an opportunity to learn from, and interact with today’s leading scientific innovators in academia.
Physician Continuing Medical Education
The Postgraduate Institute for Medicine designates this live activity for a maximum of 3.0 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Postgraduate Institute for Medicine and the Society for Immunotherapy of Cancer. The Postgraduate Institute for Medicine is accredited by the ACCME to provide continuing medical education for physicians.

Cancellation Policy
All cancellations are subject to a $50 USD service charge and must be done in writing. No refunds will be issued after August 25, 2017.

Disclosure of Conflicts of Interest
Postgraduate Institute for Medicine (PIM) requires instructors, planners, managers and other individuals who are in a position to control the content of this activity to disclose any real or apparent conflict of interest (COI) they may have as related to the content of this activity. All identified COI are thoroughly vetted and resolved according to PIM policy. The existence or absence of COI for everyone in a position to control content will be disclosed to participants prior to the start of each activity.

Conference Location
Weill Cornell Medicine, 1300 York Avenue, New York, NY, 10065

Transportation
To Weill Cornell Medicine (WCM): LaGuardia Airport (LGA) is about 10 miles away with approximately a $40 cab ride; John F. Kennedy International Airport (JFK) is about 20 miles away with approximately a $60 cab ride; Newark Liberty International Airport (EWR) is about 20 miles away with approximately a $90 cab ride.

Accommodations
Limited accommodations have been reserved at the Bentley Hotel for participants. Please make reservations early due to United Nations General Assembly weekend and reference ICIRC group. The Bentley Hotel is located at: 500 East 62nd Street, New York, NY 10065. For reservations: 855.779.0220 • www.BentleyHotelNYC.com

Recording Devices
Use of cell phones or video/audio recording during the lectures is strictly prohibited.

For More Information
Participants with special needs or questions about the conference, please contact: Ms. Elizabeth Hammerschmidt, Weill Cornell Medicine phone: 212.746.3933 • email: eah2006@med.cornell.edu

Weill Cornell Medicine: http://radiationoncology.weillcornell.org
Meyer Center: http://meyercancer.weill.cornell.edu/immunotherapy
Gustave Roussy: https://www.gustaveroussy.fr/en
8:15-8:30 am .......... **Welcome**
    Lewis C. Cantley, PhD  
    Weill Cornell Medicine, NY, USA  
    Gary Koretzky, MD, PhD  
    Weill Cornell Medicine, NY, USA

**Introduction**  
Silvia C. Formenti, MD  
Weill Cornell Medicine, NY, USA

### 3.0 AMA PRA Category 1 Credit(s)™

**CME PRIMER ON CANCER IMMUNOLOGY AND IMMUNOTHERAPY**  
Jointly provided by Postgraduate Institute for Medicine and the Society for Immunotherapy of Cancer.

#### SESSION I: BASIC IMMUNOLOGY

8:30-9:00 am .......  **Introduction to Innate Immunity**  
    Karolina Palucka, MD, PhD  
    The Jackson Laboratory, Farmington, CT, USA

9:00-9:30 am .......  **Overview of Adaptive Immunity**  
    Alan B. Frey, PhD  
    New York University School of Medicine, NY, USA

#### SESSION II: TUMOR IMMUNOLOGY

9:30-10:00 am ......  **Role of the Immune System in Tumor Development and Progression**  
    Charles Drake, MD, PhD  
    Columbia University Medical Center, NY, USA

10:00-10:30 am ..... **Coffee Break**

10:30-11:00 am ..... **Barriers to Tumor Rejection in the Tumor Microenvironment**  
    Doug Fearon, MD  
    Weill Cornell Medicine, NY, USA

#### SESSION III: CANCER IMMUNOTHERAPY

11:00-11:30 am ..... **Overview of the Immunotherapy Landscape**  
    Michael A. Postow, MD  
    Memorial Sloan Kettering Cancer Center, NY, USA

11:30-12:00 pm ..... **Immunotherapies on the Horizon**  
    Robert H. Vonderheide, MD, PhD  
    University of Pennsylvania, PA, USA

12:00-1:30 pm ...... **Lunch**

#### MAIN PROGRAM

**SESSION I: JUMP STARTING THE IMMUNE RESPONSE WITH RADIATION**

1:30-2:00 pm .......  **The Mechanistic Basis of In Situ Vaccination By Radiotherapy**  
    Sandra Demaria, MD  
    Weill Cornell Medicine, NY, USA

2:00-2:30 pm ....... **Novel Inducers of Immunogenic Cell Death**  
    Jean-Luc Perfettini, MBBS  
    Institut Gustave Roussy, Paris, France

2:30-3:00 pm ....... **Autophagy and Radiation**  
    Lorenzo Galluzzi, PhD  
    Weill Cornell Medicine, NY, USA
Radiation-induced Neoantigens Enhance Immunotherapy of Cancer With Low Mutational Load
Danielle M. Luissier, PhD
Washington University, MO, USA

Coffee Break

SESSION II: OBSTACLES TO THE IMMUNOGENIC EFFECTS OF RADIATION

Monocyte and Macrophages Trafficking During Tumor Response to Radiation
Michele Mondini, PhD
Institut Gustave Roussy, Paris, France

Targeting Macrophages as a Strategy to Enhance the Therapeutic Ratio
Eric Deutsch, MD, PhD
Institut Gustave Roussy, Paris, France

Regulatory T cells
Alexandre Boissonnas, PhD
Institut Curie, Paris, France

Adenosine as a Block to SBRT
Erik Wennerberg, PhD
Weill Cornell Medicine, NY, USA

Poster Reception

FRIDAY • SEPTEMBER 22, 2017

DEBATE:
Challenging Dogmas in Radiation Oncology
William H. McBride, PhD, DSc
University of California, Los Angeles, CA, USA
David Brenner, PhD, DSc
Columbia University, NY, USA

SESSION III: CLINICAL IMPLICATIONS OF PRE-CLINICAL FINDINGS

Combining Radiotherapy and Immunotherapy in the Clinic: Barriers and Opportunities
Silvia C. Formenti, MD

Immuno-oncology and Radiotherapy Trials at the DKFZ
Peter Huber, MD
German Cancer Research Center, Heidelberg, Germany

Radiotherapy and Immunotherapy Combinations in Hematologic Malignancies
Joshua Brody, MD
Icahn Mount Sinai School of Medicine, NY, USA

Radiation Treatment and Immunotherapy Combinations
Tim Illidge, BSc, PhD, MB, BS, DRCOG, MRCP, FRCR, FRCPa
University of Manchester, Manchester, UK

Lunch

KEYNOTE LECTURE
The Future of Radiation Oncology
Ralph Weichselbaum, MD
University of Chicago, IL, USA
SESSION IV: EMERGING COMBINATIONS OF RADIOOTHERAPY AND IMMUNOTHERAPY

1:45-2:15 pm ......... Tumor-targeting Antibodies, Immunocytokines and Radiation
Paul Sondel, MD, PhD
University of Wisconsin, WI, USA

2:15-2:45 pm ......... Low-Intensity Focused Ultrasound Effects on the Immune System
Chandan Guha, MBBS, PhD
Albert Einstein College of Medicine, NY, USA

2:45-3:15 pm ......... Role of the TGFbeta Family Members in Hindering the Pro-immunogenic Effects of Radiotherapy
Claire Vanpouille-Box, PhD
Weill Cornell Medicine, NY, USA

3:15-3:45 pm ......... Coffee Break

SESSION V: MODULATING THE TUMOR AND HOST ENVIRONMENT

3:45-4:15 pm ......... Targeting IL-1 in Breast Cancer
Karolina Palucka, MD, PhD

4:15-4:45 pm ......... Role of Microbiome in Cancer
Giorgio Trinchieri, MD
Center for Cancer Research, NCI, NIH, MD, USA

4:45-5:15 pm ......... Understanding the Role of Nerves and Adrenergic Stress on the Sensitivity of Tumors to Radiation
Elizabeth Repasky, PhD
Roswell Park Institute, NY, USA

SESSION VI: CUTTING-EDGE BIOMARKERS

9:00-9:30 am ......... Radiomics
Philippe Lambin, MD, PhD
MAASTRO, Maastricht, NL

9:30-10:00 am ...... A Novel Biomarker Platform to Predict Responses to IT
Olivier Elemento, PhD
Weill Cornell Medicine, NY, USA

10:00-10:30 am..... Phosphopeptides as Target of Anti-tumor T cells
Victor Engelhard, PhD
University of Virginia School of Medicine, VA, USA

10:30-11:00 am ..... Coffee Break

SESSION VII: ACCELERATING PROGRESS IN THE TRANSLATION TO THE CLINIC

11:00-11:30 am ..... Radiation and Immunotherapy Combinations in Lung Cancer
James Welsh, MD
MD Anderson Cancer Center, TX, USA

11:30-12:00 pm ..... Immunological Aspects of Oncolytic Viruses
Kevin Harrington, PhD
The Institute of Cancer Research, London, UK

12:00-12:30 pm ..... Collaborations with Industry
David Raben, MD
University of Colorado, CO, USA

12:30-1:00 pm....... Concluding Remarks
Silvia C. Formenti, MD

1:00 pm .............. Adjourn
REGISTRATION FORM
2nd Annual International Conference
Immunotherapy Radiotherapy Combinations • September 21, 22, 23, 2017

Two ways to register:
① Online: Visa, MasterCard and American Express accepted.
   WCM, Department of Radiation Oncology website:
   http://radiationoncology.weillcornell.org

② Mail: Check made payable in US currency and drawn on US bank to:
   2nd Annual International Conference on Immunotherapy-Radiotherapy Combinations (I.C.I.R.C.)

Mail form with payment to: Ms. Elizabeth Hammerschmidt, Weill Cornell Medicine,
525 East 68th Street, Box 169, New York, NY 10065 USA
phone: 212.746.3933 • email: eah2006@med.cornell.edu

Registration Fees

<table>
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<th>Registration Category</th>
<th>Early Bird until 7/21</th>
<th>Advance Registration 7/22-8/25</th>
<th>Late Registration 8/26 onwards</th>
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<tr>
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Weill Cornell Medicine faculty/staff may attend at no cost

☒ I wish to register. Enclosed is my check for $______.
After August 25, 2017 there will be no refund.

Complete all of the information below: (please print)

Name

Email

Institution

Tel. (Office) (Home)

Department Fax

Address

City/State/Zip Code
Weill Cornell Medicine
Radiation Oncology

525 East 68th Street, Box 169
New York, NY 10065

Major International Conference for Radiation Oncologists
September 21, 22, 23, 2017 • NYC

Early registration recommended