1st International Symposium on
Hematopoietic Cell Transplantation-Related Toxicities

APRIL 27-28, 2018
Memorial Sloan Kettering Cancer Center
Zuckerman Research Center
417 East 68th Street
New York, NY 10065

IN COLLABORATION WITH

Endothelial cells image credit:
Kandassamy, Biomedical Microscopy Core, Paul D. Coverdell Center
More than 10,000 hematopoietic cell transplantsations (HCT) are performed annually in the United States as a potentially curative treatment for over 70 life-threatening illnesses including hematologic cancers, genetic disorders, and other diseases. Despite significant advances in supportive care and improvements in HCT outcomes, 1 in every 3 patients may succumb to HCT-related toxicities, half of which are not related to graft-versus-host disease (GVHD). Following the successful examples of the international symposia focusing on GVHD and relapse after HCT, we are convening the ‘1st International Symposium on Hematopoietic Cell Transplantation-Related Toxicities.’

This symposium will bring together experts and thought leaders from around the world in the fields of HCT and related medical subspecialties. Speakers will discuss mechanisms of toxicities and symptom burden after HCT in order to identify best practices to both prevent and treat HCT-related toxicities. Over the 2-day symposium, speakers and attendees will also convene in dedicated sessions that will facilitate collaborative efforts in planning future research aimed at mitigating serious toxicities, reducing symptom burden, and improving patients’ outcomes.

The target audience includes physicians, researchers, fellows, advanced practice providers, nurses, and pharmacists who provide care for patients undergoing HCT.

Educational Objectives

- Discuss the causes and mechanisms of toxicities and symptom burden after HCT in order to identify best practices and prevent and treat them.
- Understand the role of vascular endothelial cell damage as a key driver of many toxicities after HCT.

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Endothelial cells cover image credit: Kandasamy, Biomedical Microscopy Core, Paul D. Coverdell Center
Scientific Agenda

April 27, 2018

7:00 AM Registration & Breakfast
7:45 AM Introduction & Welcome
Sergio Giralt, MD

Mechanisms of Toxicities: Endothelial Damage
8:00 AM DEPARTMENT OF MEDICINE GRAND ROUNDS
Endothelial Cell Damage as Common Pathway for Toxicity
Shahin Rafii, MD, PhD
9:00 AM Idiopathic Pneumonia Syndrome
Kenneth R. Cooke, MD
9:20 AM Sinusoidal Obstruction Syndrome
Enric Carreras, MD, PhD
9:40 AM Thrombotic Microangiopathy
Stella M Davies, MBBS PhD
10:00 AM Proposed Biomarkers for Endothelial Cell Damage
Thomas Luft, MD, PhD
10:30 AM Q/A and Panelist Discussion
10:45 AM Break

Mechanism of Toxicities: Direct Drug Toxicity
11:00 AM Pharmacology of High Dose Therapy
Jaap Jan Boelens, MD, PhD
11:20 AM Pharmacokinetics of Alkylators
Peter J. Shaw, MD
11:40 AM Pharmacokinetic Assays and Methodologies
Dean Carlow, MD, PhD
12:00 PM Mechanisms of Radiation Toxicity
Richard N. Kolesnick, MD
12:20 PM Q/A and Panelist Discussion
1:00 PM Lunch Symposium
ROOM 105
Long Term Survivorship Issues
Minoo Battiwalla, MD

Organ Specific Toxicities
1:45 PM Renal Toxicities
Edgar A. Jaimes, MD
2:05 PM Mucosal Toxicities
Michael Scordo, MD
2:25 PM Cardiovascular Toxicities
Wendy L. Schaffer, MD, PhD
2:45 PM Pulmonary Toxicities
Guang-Shing Cheng, MD
3:05 PM Neurologic Toxicities
Bianca D. Santomasso, MD, PhD
3:30 PM Break

Infections and Immune-reconstitution
3:45 PM Modeling Immune Reconstitution and GVHD After Transplant Using The Tools of Systems Biology
Leslie S. Kean, MD, PhD
4:05 PM Immune Reconstitution after Stem Cell Transplantation: Is it all about CMV?
Miguel-Angel Perales, MD
4:25 PM Novel Strategies to Reduce CMV Disease in Transplant Patients
Genovefa Papanicolaou, MD
4:45 PM Combating Multidrug-resistant Bacterial Infections During Allogeneic-HCT
Michael Satlin, MD, MS
5:05 PM Harnessing the Microbiome to Improve Transplant Outcomes
Ying Taur, MD, MPH
5:35 PM Q/A and Panelist Discussion
6:00 PM Cocktail & Networking Reception
Attendees are invited to join the course faculty for a networking and cocktail reception at Zuckerman Research Center, immediately following the course from 6:00 pm-8:00 pm

April 28, 2018

7:30 AM Breakfast

Breakout Sessions
8:00 AM SESSION A | AUDITORIUM
Collecting and Grading Toxicities/Integrating Patient Reported Outcomes
William A. Wood, MD, MPH
Michael Scordo, MD
Gabriela Rondon, MD
SESSION B | ROOM 105
Biomarkers of Toxicity
Markus Y. Mapara, MD, PhD
Koen van Besien, MD, PhD
10:00 AM Report on Breakout Session
All Faculty
10:30 AM Next Steps
Edgar A. Jaimes, MD
11:00 AM Keynote Closing Session
How to Utilize the CIBMTR and BMT CTN to Reduce Toxicities
Mary Horowitz, MD, Chief Scientific Director for the CIBMTR
12:00 PM Symposium Adjourn

www.mskcc.org/Toxicities
Registration

Registration Fees

- Physicians (MDs, PhDs, PharmDs & DOs) $400
- Residents & Fellows $200
- NPs, PAs, RNs, & Other Healthcare Providers $250
- Industry Professionals* $775

*Industry Professionals may attend CME activities for their own education. Marketing, sales, and promotion of products and services is strictly prohibited at MSK CME activities.

Register Online:
www.mskcc.org/Toxicities

Registration includes continental breakfast, lunch, and refreshment breaks. Please contact cme@mskcc.org at least one week prior to the course if you have any special dietary needs.

- 30% Discounted Rate for MSK Alumni and MSK Alliance Members: MSK offers a 30% discounted rate to all MSK Alumni and MSK Alliance members to attend a CME course. Please contact cme@mskcc.org for a promotion code or more information.
- MSK Staff Registration: Registration is complimentary for MSK staff. However, you must register online: www.mskcc.org/Toxicities

ACCREDITATION

Accreditation Statement
MSK is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

AMA Credit Designation Statement
MSK designates this live activity for a maximum of 13.75 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Faculty Disclosure
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Travel & Accommodations

COURSE LOCATION
Memorial Sloan Kettering Cancer Center
Mortimer B. Zuckerman Research Center
417 East 68th Street
New York, NY 10065

HOTELS
MSK has negotiated special rates and amenities at select hotels in Manhattan. For information on hotels in the area of MSK with discounted rates, please visit: www.mskcc.org/cme.

CONTACT
For more information, including all upcoming MSK CME courses, visit our website at www.mskcc.org/cme. To contact MSK CME directly, email cme@mskcc.org.

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