

Symposium, “Radiotherapy – Novel Approaches and New Applications”

February 9, 2017 – Houston Texas

Program Chairs	Program Co-Chair names: Wui-Jin Koh, MD – University of Washington School of Medicine Anuja Jhingran, MD – University of Texas MD Anderson Cancer Center
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Presentation Agenda

Time	TOPIC	SPEAKER/MODERATOR
7:00 AM	REGISTRATION	
8:00 AM	WELCOME	Program Chairs
8:05-10:00 am	SESSION I: Radiation Techniques and Technology	Moderator: Marcus Randall, MD
8:05-8:30 am	Fractionation and hypofractionation – can we safely shorten a course of definitive radiation	Cathryn Yashar, MD
8:30-8:55 am	What you see may not be what you get – promises and limitations of contemporary imaging in radiation treatment planning	Mostafa Atri, MD
8:55-9:20 am	IMRT is so yesterday – how do we incorporate new technologies, eg SBRT, protons, etc.?	Ann Klopp, MD, PhD
9:20-9:45 am	Image-guided brachytherapy in Gyn cancer – are we ready to ‘throw away’ point A?	Beth Erickson, MD
9:45-10:00 am	QUESTIONS AND ANSWERS	
10:00 -10:15 am	Break	
10:15-11:50am	SESSION II: Chemoradiation – New Approaches	Moderator: Anuja Jhingran, MD
10:15-10:40 am	New cytotoxic agents for chemoRT (and do we always have to add to a cisplatin-RT ‘backbone’?)	Kathleen Moore, MD
10:40-11:05 am	Targeted therapies (eg antiangiogenic agents, PARPi, growth factor inhibitors) concurrent with radiation	David Gaffney, MD, PhD Theresa Werner, MD
11:05-11:30 am	Is there a role for ‘curative’ radiation in metastatic disease – could/should we be trying to achieve M1-NED in select cases?	Junzo Chino, MD
11:30-11:45 am	QUESTIONS AND ANSWERS	
11:45 am – 1:00 pm	LUNCH	
1:00-2:30 pm	SESSION III: Radiation in the Brave New World of Immunotherapy	Moderator: Wui-Jin Koh, MD
1:00-1:25 pm	RT for antigen priming/presentation and the abscopal effect	Ramesh Rengan, MD, PhD
1:25-1:50 pm	Immunotherapy as neoadjuvant/adjuvant to definitive (chemo)-RT	Jyoti Mayadev, MD
1:50-2:15 pm	Sharing clinical and biologic insights across anatomic sites – is there a way to exploit HPV status/subtype in radiation for gynecologic cancers?	Maura Gillison, MD, PHD
2:15-2:30 pm	QUESTIONS AND ANSWERS	

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PROGRAM DESCRIPTION:

Radiotherapy is an important treatment modality that is integral to the management of many malignancies. There have been significant recent advances in radiation delivery systems, as well as increased understanding of the biologic basis of radiotherapy and its interactions with systemic and targeted agents. The *Winter 2017* GOG Foundation, Inc. Educational Symposium is titled “**Radiotherapy – Novel Approaches and New Applications,**” with noted Oncologists and Scientists serving as speakers and moderators. The targeted audiences are members and non-members of the NRG research teams to include: Gynecologic Oncologists, Medical Oncologists, Radiation Oncologists, Pathologists, Basic and Translational Scientists and other MDs engaged in oncology research and/or clinical practice; Oncology Nurses, Nurse-practitioners, and other interested Allied Health professionals. The speakers will focus their presentations on the technical and biologic progress of radiotherapy in the multidisciplinary management of cancer, which can inform the design of new clinical trials.

LEARNING OBJECTIVES: Objectives should be specific to the discussion topic

- 1. Explore alternative fractionation schemes used in solid tumors, and discuss the applicability to gynecologic cancers.**
- 2. Recognize advances in radiation target volume definition and dose delivery, with potential benefit to the therapeutic ratio.**
- 3. Examine promising cytotoxic chemotherapy – radiation combinations**
- 4. Evaluate potential targeted agents that may be combined with radiotherapy**
- 5. Discuss the role of definitive local control in oligometastatic disease**
- 6. Explore the interactions between the immune system and radiation, and the implications for combined radiation and immunotherapy**
- 7. Share clinical and biologic insights across anatomic sites – are there generalizable HPV-related treatment strategies?**

GOG COMMITTEE ON EDUCATIONAL ACTIVITIES

Ronald Alvarez, MD (Committee Chair) University of Alabama School of Medicine Birmingham, AL	Neil Horowitz, MD Brigham and Women’s Hospital Dana Farber Partners Cancer Care Boston, MA
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