

### AGENDA

The Ritz-Carlton Hotel | Washington DC, 1150 22<sup>nd</sup> Street, NW

#### Monday, February 13<sup>th</sup>

- 7:30 am-5:00 pm Grant Review Committee Meeting (by invitation).....Plaza Ballroom
- 10:30-12:30 pm MAC internal meeting (by invitation).....Roosevelt
- 12:00-6:00 pm *Registration open*..... *Salon Ballroom Foyer*
- 1:00-5:30 pm Melanoma Advocates & Foundations Forum (by invitation).....Salon I
- 6:00-7:30 pm **Opening Reception**..... **Salon I & II Foyer**

#### Tuesday, February 14<sup>th</sup>

- 6:30 am-6:00 pm *Registration open*.....*Outside Salon Ballrooms*
- 7:00-8:15 am General Breakfast.....Salon III
- 7:00-8:15 am Young Investigators Breakfast (by invitation only).....Plaza Ballroom
- 8:30-8:45 am **Opening Remarks**.....**Salon I & II**  
Michael Kaplan, MRA President and CEO  
Louise Perkins, MRA Chief Science Officer  
Introduction by Ross King & President Carter welcome video
- 8:45-9:15 am **Lecture:** Jedd Wolchok, Memorial Sloan Kettering Cancer Center: Immunotherapy for melanoma – where do we go from here?
- 9:15-11:25 am **Session 1: Biological Basis of Therapeutic Resistance**  
Chair: Roger Lo
- 9:15-9:40 Neal Rosen, Memorial Sloan Kettering Cancer Center: Development of an equipotent inhibitor of mutant RAF monomers and dimers
- 9:40-10:00 Piyush Gupta, Whitehead Institute: Mechanisms of tolerance to Ras pathway inhibition in BRAF-mutant melanomas
- 10:00-10:20 Brent Hanks, Duke University: Inhibiting the TGF- $\beta$  signaling axis in the melanoma microenvironment
- 10:20-10:40 *Break*

10:40-11:00 Bin Zhang, Northwestern University: Overcoming resistance to agonist immunotherapeutics

11:00-11:25 Roger Lo, UCLA: Resistance to MAPK and PD-1 targeted therapies

**11:25-11:55 am Lecture:** Richard Scolyer, University of Sydney: Using whole genome sequencing to reveal differences between acral, mucosal and cutaneous melanomas: Data from the Australian melanoma genome project

**12:00-1:15 pm Lunch and Fireside Chat: Genes: A Conversation on Cancer Causation and Cures.....Salon III**  
Moderator: Michael Milken, Chairman, Milken Institute and MRA Board Member  
Siddhartha Mukherjee, Columbia University  
Antoni Ribas, UCLA  
Steven Rosenberg, U.S. National Cancer Institute

**1:30-2:20 pm Session 2: Germline Influences on Melanoma..... Salon I & II**

1:30-1:55 Hensin Tsao, Massachusetts General Hospital: Mutational landscape of hereditary melanoma

1:55-2:20 Alan Spatz, Lady Davis Institute: The protein phosphatase 2A regulatory subunit PR70 is a gonosomal melanoma tumor suppressor gene

**2:20-4:45 pm Session 3: Models, Markers and New Targets..... Salon I & II**  
Chair: Meenhard Herlyn

2:20-2:40 Scott Woodman, MD Anderson Cancer Center: Unraveling the functional effects of hallmark genetic aberrations in uveal melanoma

2:40-3:00 Yuhang Zhang, University of Cincinnati: A tale of two stories: Targeting cancer-associated fibroblasts in the melanoma microenvironment

3:00-3:20 *Break*

3:20-3:40 Alexander Boiko, University of California, Irvine: Activation of innate immunity and targeting of tumor initiating cells effectively suppresses melanoma metastasis

3:40-4:00 Christin Burd, Ohio State University: Ultraviolet radiation accelerates NRAS mutant melanoma genesis: A cooperative effect blocked by sunscreen

4:00-4:20 Tal Burstyn-Cohen, Hebrew University of Jerusalem: TAM receptors in melanoma: Mechanisms and therapeutic efficacy of novel inhibitors

4:20-4:45 Meenhard Herlyn, Wistar Institute: Targeting developmental pathways in melanoma

**4:45 pm Closing Remarks Day 1:** Louise Perkins, MRA Chief Science Officer

5:30-6:30 pm MRA Board Meeting (invitation only)

**6:30-9:00 pm Reception and Dinner.....Teddy & The Bully Bar\***  
Dress: Casual 1200 19<sup>th</sup> Street, NW, (202) 872-8700  
Reception 6:30-7 pm; Dinner 7:15 pm

\*6:15-7:00 pm: Transportation provided to Teddy & Bully Bar; Shuttles will depart from the circular drive outside the hotel lobby. Upon exiting the hotel, bear to your right and shuttles will be stationed in the breezeway between the hotel and art gallery on the property.

### Wednesday, February 15<sup>th</sup>

- 6:30-10:00 am    Registration open..... Salon Ballroom Foyer
- 7:00-8:30 am    General Breakfast.....Salon III
- 7:00-8:30 am    Industry Roundtable Breakfast (by invitation only).....Plaza Ballroom
- 8:40-8:45 am    Opening Remarks Day 2: Kristen Mueller, MRA Scientific Program Director.....Salon I & II**
- 8:45-11:40 am    Session 4: Overcoming Difficult to Treat Disease**  
Chair: Sheri Holmen
- 8:45-9:10    Tanja de Gruijl, VUMC: Harnessing the sentinel lymph node to limit metastatic melanoma
- 9:10-9:30    James Moon, University of Michigan: Vaccine nanodiscs for personalized cancer immunotherapy
- 9:30-9:50    Xu Chen, UCSF: RasGRP3 mediates MAPK pathway activation in GNAQ mutant uveal melanoma
- 9:50-10:15    Andrew Aplin, Thomas Jefferson University: Targeted inhibitors in cutaneous and uveal melanoma: Combinations, reporters and schedules
- 10:15-10:35    *Break*
- 10:35-10:55    Jessie Villanueva, Wistar Institute: A promising BETi/MEKi combination strategy for NRAS mutant melanomas
- 10:55-11:15    Ana Anderson, Brigham and Women’s Hospital: Harnessing Tim-3 pathway blockade for melanoma immunotherapy
- 11:15-11:40    Sheri Holmen, University of Utah: Identification and characterization of drivers of melanoma brain metastasis
- 11:40-12:20 pm    Panel Discussion: News from the Field: What’s going well and what remains to be done?**  
Reinhard Dummer, University Hospital Zurich  
Keith Flaherty, Massachusetts General Hospital  
Howard Kaufman, Rutgers University  
Grant McArthur, Peter MacCallum Cancer Centre  
Susan Swetter, Stanford University  
Jennifer Wargo, MD Anderson Cancer Center  
Suzanne Topalian, Johns Hopkins University (Chair)
- 12:20-12:30 pm    Closing Remarks: Elliott Sigal, MRA Board Member**
- 12:30-1:30 pm    Lunch available and departures.....Salon III