

Reach for the Stars Wednesday, March 8

- 7:30am- 5:00pm Grant Review Committee Meeting (by invitation)
- 12:00-5:30pm **Melanoma Patients, Advocates & Foundations Forum**
Chair: Cody Barnett MRA Senior Director of Communications & Patient Engagement
- 4:00-8:00pm Retreat Registration open
- 5:30-6:00pm Sponsor Toast/Reception
- 6:00-7:30pm Opening Reception
- 7:00-9:30pm Friends of MRA Dinner [GRC and invited guests only]

Thursday, March 9

- 6:30am-6:00pm Registration
- 7:30-8:45am General Breakfast
- 7:30-8:45 am Young Investigators Breakfast (by invitation): Mentorship and Lab Personnel Management
Andrew Aplin Thomas Jefferson University
Marcus Bosenberg Yale University
Elizabeth Patton University of Edinburgh
Ashi Weeraratna Johns Hopkins University
- 9:00-9:15am **Opening Remarks Day 1**
Marc Hurlbert MRA Chief Executive Officer
Jamie Goldfarb Patient Advocate
Ken Billett Patient Advocate
Joan Levy MRA Chief Science Officer
- 9:15-9:45am **Keynote Lecture 1: Georgina Long** Melanoma Institute Australia
Zero deaths from melanoma – Progress to date, prospects for the future, systemic therapy and beyond
- 9:45-11:55am **Scientific Session 1: Artificial Intelligence and Imaging in Melanoma Detection, Prediction and Prognosis**
Chair: Maria Wei University of California, San Francisco

- 9:45-10:10am **Albert Chiou** Stanford University
AI-Augmented melanoma triage and diagnosis: interim update on this prospective multi-site study
- 10:10-10:30am **Jesse Wilson** Colorado State University
Image translation networks for noninvasive biopsy and dermoscopy screening
- 10:30-11:00am Break
- 11:00- 11:25am **Maria Wei** University of California, San Francisco
Social determinants of melanoma outcomes and AI
- 11:25-11:50am **Pratip Bhattacharya** University of Texas M.D. Anderson Cancer Center
Hyperpolarized MRI to interrogate pH in immunotherapy resistant and responding melanoma models in vivo
- 11:50am-12:00pm Transition to lunch
- 12:00pm-1:20pm Networking Lunch and General Roundtables
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| <i>Acral + Mucosal Melanoma Patient Registry</i> | <i>Metastasis and tumor dormancy</i> |
| <i>Biomarkers – ‘liquid biopsy’, ctDNA, tumor biomarkers</i> | <i>Microbiome</i> |
| <i>Brain metastasis and leptomeningeal disease</i> | <i>Neoadjuvant and adjuvant therapy</i> |
| <i>Clinical trials – patient recruitment and engagement, trial design</i> | <i>Prevention (primary prevention)</i> |
| <i>Dermatology fellows</i> | <i>Starting a company/venture philanthropy</i> |
| <i>Diversity – Women & Underrepresented groups in melanoma research and care</i> | <i>Targets & drug discovery for new treatments</i> |
| <i>Early Detection & Diagnosis (AI, imaging, machine learning)</i> | <i>Tumor microenvironment</i> |
| <i>Genomics – Role of genetics, genomics & epigenetics</i> | <i>Uveal melanoma</i> |
| <i>irAE – understanding immune-related adverse events</i> | <i>Vaccines and cell-based therapies</i> |
| <i>Mentoring/mentorship</i> | |
- 1:30-3:00pm **Scientific Session 2: Novel Strategies to Understand Therapeutic Resistance**
Chair: Tanisha Jackson MRA Scientific Program Director
- 1:30-1:55pm **Michael Postow** Memorial Sloan Kettering Cancer Center
CD8+ cell imaging during Neoadjuvant Immunotherapy (The C-IT Neo Trial)

- 1:55-2:15pm **Lixin Wan** Moffitt Cancer Center and Research Institute
An atypical way to sustain wild-type BRAF signaling in melanoma
- 2:15-2:35pm **Gatien Moriceau** University of California, Los Angeles
PDXs to discover targets and to model therapeutics
- 2:35-2:55pm **Matthew Vesely** Yale University
Colocalization of VISTA and CD11b myeloid cells is associated with poor outcomes in melanoma
- 2:55-3:25pm Break
- 3:25-4:25pm Scientific Session 3: Rare Melanomas**
Chair: Joan Levy MRA Chief Science Officer
- 3:25-3:45pm **C. Daniela Robles-Espinosa** National Autonomous University of Mexico
Genomic analysis of acral melanoma in Latin American patients
- 3:45-4:05pm **Rolando Perez-Lorenzo** Columbia University
CK2 inhibition in Acral Melanoma
- 4:05-4:25pm **J. Silvio Gutkind** University of California, San Diego
Targeting Signaling Vulnerabilities in Uveal and Cutaneous Melanoma: New Multimodal Precision Therapies
- 4:25-5:10pm Scientific Session 4: Highlighting MRA Young Investigator Awardees**
Chair: Rachel Fischer MRA Associate Director, Scientific Program & Registry
- 4:25-4:35pm **Zachary Buchwald** Emory University
Immune niches containing stem-like T cell in brain metastases control disease and are modulated by SRS
- 4:35-4:45pm **Tobias Bald** University Hospital Bonn
Loss of CD226 in T cells drives resistance to melanoma immunotherapy
- 4:45-4:55pm **Jeremy Logue** Albany Medical College
Piezo1 conspires with INF2 to promote confined migration in invasive melanoma cells
- 4:55-5:05pm **Haizhen (Jen) Wang** Medical University of South Carolina
Targeting PTPs for CDK6 induced immunotherapy resistance in melanoma
- 5:05-5:10pm **Closing Remarks Day 1: Tanisha Jackson** MRA Scientific Program Director

5:15-6:15pm MRA Board Meeting

5:15-6:45pm Poster Session I: Dermatology Fellows, Young Investigators, Pilot Awardees, and Sponsors
Light refreshments, all retreat attendees encouraged to attend

7:00-9:30pm Dinner Charlie Palmer Steak, 1101 Constitution Ave, NW, Washington DC
Transportation provided

Friday, March 10

6:30-10:00am Registration open

7:00-8:50am Breakfast and Poster Session II: Young Investigator and Pilot Awardees

7:30-9:00am Industry Roundtable Breakfast (by invitation only)

9:00-9:05am **Opening Remarks Day 2: Rachel Fischer** MRA Associate Director, Scientific Program & Registry

9:05-9:35am Keynote Lecture 2: Sohail Tavazoie The Rockefeller University
A hereditary basis for melanoma metastasis and its experimental and clinical therapeutic implications

9:35-11:30am Scientific Session 5: Discovery Research to Identify New Melanoma Therapies
Chair: Genevieve Boland Massachusetts General Hospital

9:35-9:55am **Neta Erez** Tel Aviv University
Systemic instigation of neuroinflammation by LCN2 facilitates brain metastasis

9:55-10:15am **Alfonso Bellacosa** The Research Institute of Fox Chase Cancer Center
Enhancing immunotherapy with novel epigenetic modulators that induce a proinflammatory response

10:15-10:40am Break

10:40-11:05am **Jamie Spangler** Johns Hopkins University
Tumor-targeted cytokine/antibody fusion proteins to treat melanoma

11:05-11:30am **Sarah Slavoff** Yale University
Getting a handle on undruggable proteins in melanoma with bicycles

11:30am-12:30pm Panel Discussion: Translation of New Therapeutics and Diagnostics from the Lab to the Clinic

Moderator: Louise Perkins MRA CSO Emerita

Panelists: Elizabeth Ottinger National Center for Advancing Translational Sciences

Antoni Ribas University of California, Los Angeles

Caroline Robert Institute Gustave Roussy

Kai Wucherpfennig Dana Farber Cancer Institute

12:30-12:45pm Closing Remarks: Stephanie Kauffman MRA President and Chief Operating Officer

12:45-1:45pm Lunch and Departures

12:45-6:30pm Lunch and MRA & Seerave Foundation Melanoma & the Microbiome Workshop (by invitation only)

6:30-9:30pm MRA & Seerave Foundation Melanoma & the Microbiome Workshop - Dinner

Saturday, March 11

8:30am-1:30pm MRA & Seerave Foundation Melanoma & the Microbiome Workshop (by invitation only)