



10th MBCRC AGENDA

The Chateaux Deer Valley

WEDNESDAY, AUGUST 30, 2023

8:30AM-12:00 PM Conference Check-in (Agenda is set in Mountain Time)

10:00 AM **Welcome and Conference Goals**

[Alana Welm, PhD](#)

SESSION 1

MBCRC Advocate Researcher Program

All Invited to attend

TALKS

MODERATOR

[Hillary Stires, PhD](#)

SPEAKERS

10:10 AM Interpreting Data

[Isaac Chan, MD, PhD](#)

UT Southwestern

[Christine Hodgdon](#)

10:40 AM Metastatic breast cancer 101 metastases

[Pavitra Viswanath](#)

Huntsman Cancer Institute

[Martha Carlson,](#)

[Kelly Shanahan, MD](#)

11:10 AM The History of MBC Research

[Bob Riter,](#)

[Hillary Stires, PhD](#)

11:40 AM Research / Advocate Forum

[Josh Newby](#)

[Hillary Stires, PhD](#)

1200 – 1:00 PM **LUNCH**

1:00 PM Patient Advocate Welcome - [Christine Hodgdon](#)

SESSION 2

Genetic, Genomic, and Epigenomic Drivers of Breast Cancer Metastasis

TALKS

MODERATOR

[Jaime Fornetti, PhD](#)

SPEAKERS

1:10 PM Hunting for epigenetic variants that contribute to metastasis

[K-T Varley, PhD](#)

Huntsman Cancer Institute

1:30 PM How do breast cancer cells change in order to metastasize to different organs

[Andrew Ewald, PhD](#)

Johns Hopkins

1:50 PM Resolving race vs ancestry in breast cancer disparities

[Melissa B. Davis, PhD](#)

Morehouse SOM

SESSION 3

Circulating Tumor Cells and Metastasis

TALKS

MODERATOR

[J. Chuck Harrell, PhD](#)

SPEAKERS

2:10 PM Embracing the era of AI and targeting the social behavior of circulation tumor stem cells

[Huiping Liu, MD, PhD](#)

Northwestern University

2:30 PM Endocrine therapy driven reprogramming of circulating tumor cells in ER+ breast cancer

[Carol Sartorius, PhD](#)

CU Anschutz

2:50 PM **COFFEE BREAK**

<p>3:10 PM</p>	<p style="text-align: center;">LIGHTNING TALKS</p> <p style="text-align: center;">SELECTED ABSTRACTS</p> <p>Mitochondria as a genetic determinant of cancer metastasis efficiency</p> <p>Lipid accumulation in triple negative breast cancer cells surviving chemotherapy</p> <p>The pervasive role of individual ancestry in metastatic progression</p> <p>Does the metastatic environment determine poor immunotherapy responses?</p> <p>Tissue-resident alveolar macrophages control the timing of breast cancer metastatic outgrowth in the lung</p> <p>Eya3 regulates immune responses in the lung pre-metastatic niche</p> <p>NF1 loss promotes bone metastasis in estrogen receptor positive breast cancer</p> <p>Reciprocal activation of breast cancer metastases and the lung epithelium during metastatic outgrowth</p>	<p>MODERATOR Steffi Oesterreich, PhD</p> <p>SPEAKERS Dan Welch, PhD KU Medical Center</p> <p>Katherine Pendleton BCM</p> <p>Kent W. Hunter, PhD NCI</p> <p>Nicole Barth University of Edinburgh</p> <p>Michael Papanicolaou, PhD Albert Einstein College of Medicine</p> <p>Sheera Rosenbaum CU Anschutz</p> <p>Zifan Zhao BCM</p> <p>Jessica L. Christenson CU Anschutz</p>
<p>4:00 PM</p>	<p style="text-align: center;">Keynote Presentation - Cyrus Ghjar, PhD</p> <p style="text-align: center;">How do dormant disseminated tumor cells evade immune recognition (and what can we do about it)?</p>	<p>MODERATOR Teri Pollastro</p>
<p>4:30 PM</p>	<p style="text-align: center;">Poster Spotlight Presentation</p> <p style="text-align: center;">TALKS</p> <p>GRASP: Guiding researchers and advocates to scientific partners</p> <p>Targeting the translation initiation factor eIF4A in triple-negative breast cancer</p>	<p>MODERATOR Hillary Stires, PhD</p> <p>SPEAKERS Christine Hodgdon Janice Cowden</p> <p>Na Zhao - BCM</p>
<p>5:00 PM</p>	<p>Adjourn</p>	
<p>5:00 – 8:00 PM Poster Session & Advocate Networking Reception with GRASP</p>		

THURSDAY, AUGUST 31, 2023

7:30 AM	Breakfast and check-in (Agenda is set in Mountain Time)	
8:00 AM	Welcome	Alana Welm, PhD
8:10 AM	Patient Advocate Welcome - Debora Denardi	
8:20 AM	Keynote Presentation - Lisa Carey, MD Advances in metastatic breast cancer: some leaps, some inches	MODERATOR Jeff Rosen, PhD
	SESSION 4 New Angles on Metastasis TALKS	MODERATOR Kevin Roarty, PhD SPEAKERS
8:50 AM	Rat models for studying breast cancer progression	Yi Li, PhD BCM
9:10 AM	Novel targets in breast cancer brain metastases	Bisrat Debeb, PhD MD Anderson
9:30 AM	Targeting the multi-faceted mitochondria in triple negative breast cancer	Gloria Echeveria, PhD BCM
9:50 AM	COFFEE BREAK	
	SPECIAL SESSION Tissue Donation Programs to Accelerate Metastasis Research PROGRAMS	MODERATOR Bora Lim, MD SPEAKERS
10:10 AM	Advocate Introduction	Stephanie Walker
10:20 AM	University of Pittsburgh	Steffi Oesterreich, PhD
10:30 AM	Huntsman Cancer Institute	Alana Welm, PhD
10:40 AM	University of North Carolina	Lisa Carey, MD
10:50 AM	MD Anderson	Rachel Dittmar, PhD
11:00 AM	Leuven University, Belgium	Christine Desmedt, PhD
11:20 AM	Panel Discussion	All
12:00 PM	LUNCH	
	SESSION 5 Host Contributions to Metastatic Progression TALKS	MODERATOR Igor Bado, PHD SPEAKERS
1:00 PM	Deciphering the role of natural killer cells in metastatic breast cancer	Isaac Chan, MD, PhD UT Southwestern
1:20 PM	Targeting myeloid suppression to enhance anti-tumor immunity in breast cancer	Evanthia Roussos Torres, MD, PhD USC
1:40 PM	High-resolution intravital microscopy reveals the plastic behavior or dormant cancer cells and their niches	Javier Bravo-Cordero, PhD Icahn SOM at Mount Sinai
2:00 PM	Optimal sequencing of CDK 4/6 inhibitors and radiation therapy	Silvia Formenti, MD Cornell

2:20 PM **COFFEE BREAK**

SPECIAL SYMPOSIUM SESSION
Theresa's Research 10 Year Anniversary

TALKS

- 2:40 PM **Advocate & Researcher Spotlight:**
Improving the odds together
- 3:00 PM Patient advocate talk
- 3:10 PM Insights from 5 years of a comprehensive MBC clinic
- 3:30 PM The evolving role of circulating biomarkers
- 3:50 PM Circulating biomarkers of CDK4/6 inhibitor resistance in patients with estrogen receptor positive metastatic breast cancer
- 4:10 PM Foundation Presentation & Award Ceremony
- 4:30 PM Adjourn

MODERATORS

[Josh Newby](#),
[Sheila Johnson](#)

SPEAKERS

[Hillary Stires, PhD](#)
Friends of Cancer Research
[Kelly Shanahan, MD](#)

[Tim Pluard, MD](#)
Koontz Center for ABC

[Minetta Liu, MD](#)
Natera

[Cynthia Ma, MD, PhD](#)
Wash U St. Louis

[Josh Newby](#)

5:30 PM **10 Year Celebration at Stein Eriksen Lodge**

Odin Deck

FRIDAY, SEPTEMBER 1, 2023

7:30 AM Breakfast and check in – Agenda is set in Mountain Time

8:00 AM

SESSION 6
New Horizons in Breast Cancer Treatment

TALKS

- 8:00 AM Investigating Survivin as a novel target in black women with breast cancer
- 8:20 AM Antibody drug conjugates: Optimal chemotherapy delivery for advanced (HER2negative?) breast cancer

MODERATORS

[Alana Welm, PhD](#)
[Kelly Shanahan, MD](#)

SPEAKERS

[Yara Abdou, MD](#)
UNC

[Hope Rugo, MD](#)
UCSF

8:40 AM **COFFEE BREAK**

9:00 AM

Keynote Presentation – [Adrian Lee, PhD](#)
Accelerating breast cancer research through tissue, model, and data sharing: opportunities and challenges

MODERATOR

[Weston Porter](#)

9:30 AM Group discussion on the future of metastasis research

MODERATOR

[Xiang Zhang, PhD](#)

10:45 AM Closing remarks

[Alana Welm, PhD](#)

11:00 AM Adjourn

[Josh Newby](#)