

**U13 Bench-to-Bedside Conference Series**  
**Cancer and Cardiovascular Disease**  
*Supported by National Institute on Aging, American Geriatrics Society and  
American College of Cardiology*

October 18-19, 2021  
**CONFERENCE AGENDA AND SPEAKERS**

**DAY 1: MONDAY, October 18<sup>th</sup>**

**Opening Session**

- 10:00–10:15am ET/  
7:00–7:15am PT      Opening Remarks and Introduction Conference goals and format ***Supriya Mohile, MD, MS; Caroline Blaum, MD, MS; Sue Ziemann, MD, PhD (NIA)***
- 10:15 to 10:40      Plenary Talk #1: Aging and the Cardiovascular System ***Daniel E. Forman, MD***
- 10:40 to 11:05      Plenary Talk #2: Cancer and the Aging Body ***Jessica Scott, PhD***
- 11:05 – 11:15      Q&A Moderated Discussion ***Supriya Mohile, MD, MS***
- 11:15 – 11:20am ET/  
8:15am – 8:20am PT      **Break**

**Topic 1: Mechanisms of Co-Development of Cancer and Cardiovascular Disease in an Aging Population**

***Moderator: Mike Rich, MD***

**11:20am – 12:25pm ET / 8:20am – 9:25am PT**

- 11:20-11:25      Topic and Speaker Introductions**  
***Moderator: Mike Rich, MD***
- 11:25–11:35      The Geroscience View: Age-related changes in key pathways that underlie both cancer and heart disease ***Nir Barzilai, MD***
- 11:35–11:45      Shared risk factors: Social determinants of health and lifestyle choices ***Lorna Haughton McNeill, PhD, MPH***
- 11:45–11:55      Clonal hematopoiesis of indeterminate potential: a joint risk factor for cancer and cardiovascular disease ***Pradeep Natarajan, MD, MMSc***
- 11:55–12:05      Disease and treatments as aging accelerators ***Anju Nohria, MMSc, MD, MSc***
- 12:05–12:25      Moderated discussion on gaps and future directions ***Mike Rich, MD***
- 12:25–1:10pm ET/  
9:25 – 10:10am PT      **Lunch / Break**

**Topic 2: Cardiotoxicity in the Older Cancer Survivor**

***Moderator: Chunkit Fung, MD***

**1:10pm – 2:20pm ET / 10:10am – 11:20am PT**

- 1:10-1:15      Topic and Speaker Introductions**  
***Moderator: Chunkit Fung, MD***
- 1:15–1:25      Emerging role of senescence in cardiotoxicity ***Aarti H. Asnani, MD***

1:25–1:35	Role of aging in cardiotoxicity and metabolic toxicity from new cancer therapy <b>Brian Colwell Jensen, MD</b>
1:35–1:45	Monitoring (including pre-treatment risk assessment), diagnosis and mitigation of treatment-related cardiotoxicity in older cancer patients <b>Dan Lenihan, MD</b>
1:45–1:55	Discussion of cardiotoxicity research gap and NIH funding opportunities in older cancer patients <b>Nonniekaye Shelburne, CRNP, MS, AOCN</b>
1:55–2:20	Moderated discussion on gaps and future directions <b>Chunkit Fung, MD</b>
2:20 – 2:30pm ET/ 11:20 – 11:30am PT	<b>Break</b>

### **Topic 3: Management of Comorbid Cancer and Heart Disease and Challenges in Medical Decision-Making**

**Moderator: William Dale, MD, PhD**

**2:30pm – 3:25pm ET / 11:20am – 12:25pm PT**

<b>2:20-2:25</b>	<b>Topic and Speaker Introductions</b> <b>William Dale, MD, PhD</b>
2:25–2:35	Therapeutic choices and medical decision-making: Geriatric Oncology Perspective <b>Anne Blaes, MD</b>
2:35–2:45	Therapeutic choices and medical decision-making: Geriatric Cardiology Perspective <b>John Dodson, MD, MPH</b>
2:45–2:55	Mitigating risk of new or worsening disease <b>Holly M. Holmes, MD, MS</b>
2:55 – 3:05	The patient perspective: What matters most? <b>Beverly Canin</b>
3:05–3:25	Moderated discussion on gaps and future directions <b>William Dale, MD, PhD</b>
3:25–3:40pm ET/ 12:25 – 12:40pm PT	<b>Break</b>

### **Topic 4: Putting it all together and finding the big ideas (panelist discussion)**

**Moderator: Karen Mustian, PhD, MS, MPH**

**3:40pm – 4:35pm ET / 12:40pm – 1:35pm PT**

<b>3:40-3:45</b>	<b>Panelist Introductions</b> <b>Moderator: Karen Mustian, PhD, MS, MPH</b>
<b>3:45-4:35</b>	<b>Panel Discussion, followed by moderated Q&amp;A</b>

Examples of cross-cutting themes to consider during this session:

- The patient perspective: What matters most?
- Defining our key phrases: function, quality of life
- Achieving the goals for everyone: how do we reduce disparities?
- Exercise and activity as critical and cross-cutting interventions
- Opportunities for geriatric and cardiovascular assessment in cancer care
- The role of data science in discovery and solutions
- The role of technology and innovations in diagnosing and treating the comorbidity

*Panelists(s): William Dale, MD, PhD; Jean-Bernard Durand, MD; Lorna Haughton McNeill, PhD, MPH, MD; Seth Morgan, MD (patient advocate)*

4:35 – 4:55pm ET/  
1:35pm – 1:55pm PT      **Day 1: Closing and Final Thoughts**  
*Caroline Blaum, MD, MS and Supriya Mohile, MD, MS*

5:00 – 5:30pm ET/  
2:00 – 2:30pm PT      *Mentor/Mentee Meetings – dedicated time\**  
*\*Mentor/Mentee matches will be sent out in advance. Mentor/Mentee can arrange to meet during this time or outside of conference hours.*

## **DAY 2: TUESDAY, October 19<sup>th</sup>**

### **Small Group Sessions, Moving the Field forward: Priorities, Agenda-setting, Wrap-up**

10:00 – 10:30am ET/  
7:00 – 7:30am PT      *Mentor/Mentee Meetings – dedicated time\**  
*\*Mentor/Mentee matches will be sent out in advance. Mentor/Mentee can arrange to meet during this time or outside of conference hours.*

### **Small Group Breakout Sessions**

**10:30am – 11:30am ET / 7:30am – 8:30am PT**

Each group will be carefully pre-selected and tasked with identifying priorities and agendas related to a specific topic that ‘cuts across’ multiple sessions. There will be a pair of moderators at each table, who are asked to prepare 3 slides – first 2 slides will summarize key discussion points and final slide will list up to 3 critical priorities for advancing the field. *Small Group assignments will be sent out in advance of the meeting.*

11:30 – 11:45am ET/  
8:30 – 8:45am PT      **Break**

11:45–12:45pm ET/  
8:45 – 9:45am PT      Small groups 1-4 provide 10-minute reports from each break-out group with 5 mins of Q&A after each

1. Cancer and Cardiovascular Disease through the lens of Geroscience: Metabolism and Energetics
2. Cancer and Cardiovascular Disease through the lens of Geroscience: Senescence
3. Designing Clinical Trials with Thoughtful Endpoints
4. Designing Clinical Trials to Include Real-World Patients

12:45 – 1:30pm ET/  
9:45 – 10:15am PT      **Lunch / Break**

1:30 – 2:30pm ET/  
10:30 – 11:30am PT      Small groups 5-8 provide 10-minute reports from each break-out group with 5 mins of Q&A after each

5. Moving toward Patient-Centered Care: Palliation and End-of-Life Care
6. Moving toward Patient-Centered Care: Shared Decision-Making
7. Reducing Disparities
8. Leveraging Data Science – large clinical/administrative datasets and –omics data

2:30 – 3:00pm ET/  
11:30 – 12:00pm PT      Moderated discussion/brainstorming

3:00 – 3:20pm ET      NIH Remarks: Scientific Workforce Diversity (SWD) Office & NIH Unite Initiative  
*Marie A. Bernard, MD*  
*Chief Officer for Scientific Workforce Diversity*

3:20 – 3:30pm ET/  
12:15 – 12:30pm PT      **Closing remarks from Chairs, evaluation, thank you’s**  
*Caroline Blaum, MD, MS and Supriya Mohile, MD, MS*

### **Rising Stars: Afternoon Session for Junior Investigators**

**3:45pm to 5:30pm ET / 12:45pm – 2:30pm PT**

3:45–4:00	Introductions and Instructions for Small Groups
4:00–5:15	Rising Stars Small Group Session*
5:15–5:30pm ET/ 2:15–2:30pm PT	Evaluations, action item postcards, adjourn

*\*Instructions for Rising Stars Small Group Session to be sent to participants in advance of the conference.*

### **CONFERENCE PLANNING COMMITTEE**

**Heather Whitson, MD (PI)**

Duke University School of Medicine  
Durham VA Geriatrics Research Education  
and Clinical Center

**Chunkit Fung, MD**

University of Rochester Medical Center  
Wilmot Cancer Institute

**Caroline S. Blaum, MD, MS (Co-Chair)**

National Committee for Quality Assurance

**Holly M. Holmes, MD, MS, AGSF**

University of Texas, McGovern Medical School

**Supriya Mohile, MD, MS (Co-Chair)**

University of Rochester Medical Center  
Wilmot Cancer Institute

**Javid Moslehi, MD**

University of California San Francisco  
Helen Diller Family Comprehensive Cancer  
Center

**Peter M. Abadir, MD**

Johns Hopkins University School of Medicine

**Karen M. Mustian, PhD, MS, MPH**

University of Rochester Medical Center  
Wilmot Cancer Institute

**William Dale, MD, PhD**

City of Hope National Medical Center

**Michael W. Rich, MD**

Washington University School of Medicine

**Daniel E. Forman, MD**

University of Pittsburgh School of Medicine

**Susan Ziemann, MD, PhD (NIA Representative)**

National Institute on Aging - NIH

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