



## Strategies to Prevent or Remediate Cancer- and Treatment-Associated Aging

<b>Monday, February 11, 2019</b> <b>National Cancer Institute Shady Grove Campus</b> Seminar Room 110 9609 Medical Center Drive Rockville, MD 20850		
9:00 AM-12:00 PM	<b>Scientific Steering Committee Closed Meeting — Room 2W910/912</b>	
<b>12:00-12:30 PM</b>	<b>LUNCH</b> — All attendees are responsible for their own food and beverages. <b>Boxed lunches are available from the cafeteria for \$13</b> ; they must be ordered at the time of registration and paid for in exact cash at check-in.	
12:30-12:40 PM	<b>Welcome and Introductions</b>	Kirsten Ness Paige Green Lisa Gallicchio
12:40-12:50 PM	<b>Perspectives from the NCI Director</b>	Norman “Ned” Sharpless
12:50-1:00 PM	<b>Perspectives from the HDRP Associate Director</b>	Paul Jacobsen
1:00-1:10 PM	<b>Overview of Think Tank Goals</b>	Kirsten Ness
1:10-1:40 PM	<b>Design and Implementation of Interventions to Improve Outcomes of Older Patients with Cancer and their Caregivers</b>	Supriya Mohile
1:40-1:45 PM	<b>Q&amp;A</b>	
1:45-2:15 PM	<b>Senolytics: Development, Pre-Clinical Studies, and Potential Roles in Cancer</b>	James Kirkland
2:15-2:20 PM	<b>Q&amp;A</b>	
2:20-2:40 PM	<b>Discussion</b>	Facilitated by Kirsten Ness
2:40-2:50 PM	<b>Summary of Discussion</b>	Kirsten Ness
<b>2:50-3:00 PM</b>	<b>BREAK</b>	

3:00-3:05 PM	<b>Animal Models</b>	Chamelli Jhappan, Kevin Howcroft & Judith Campisi
3:05-3:25 PM	<b>How to Exploit Shared Vulnerabilities of Cancer and Senescent Cells to Advance Cancer Treatment?</b>	Jan van Deursen
3:25-3:30 PM	<b>Q&amp;A</b>	
3:30-3:50 PM	<b>Health Implications of Genotoxic Stress, and their Mitigation</b>	Laura Niedernhofer
3:50-3:55 PM	<b>Q&amp;A</b>	
3:55-4:15 PM	<b>Discussion</b>	Facilitated by Chamelli Jhappan, Kevin Howcroft & Judith Campisi
4:15-4:25 PM	<b>Summary of Discussion and Next Steps</b>	Chamelli Jhappan, Kevin Howcroft & Judith Campisi
4:25-4:50 PM	<b>Day 1 Wrap-Up</b>	Kirsten Ness
<b>5:30-7:00 PM</b>	<b><i>Optional Scientific Networking Event</i></b> Bar Louie Rockville Town Center 150 Gibbs St. Rockville, MD 20850	

## Tuesday, February 12, 2019

### Johns Hopkins University Montgomery County Campus

Room 102/104

9601 Medical Center Drive

Rockville, MD 20850

8:30-8:35 AM	<b>Welcome and Day 1 Recap</b>	Kirsten Ness
8:35-8:40 AM	<b>Physical Activity Interventions</b>	Kirsten Ness, Jennifer Schrack, & Frank Perna
8:40-8:55 AM	<b>Physical Activity, Cancer Survivors and Aging: Insights from the 2018 Physical Activity Guidelines Advisory Committee Scientific Report</b>	Rick Troiano
8:55-9:00 AM	<b>Q&amp;A</b>	
9:00-9:20 AM	<b>Exercise to Remodel Tumor Vasculature: Current Data and Extrapolations Toward Treatment-Associated Aging</b>	Keri Schadler
9:20-9:25 AM	<b>Q&amp;A</b>	
9:25-9:45 AM	<b>Exercise as Treatment to Modulate Cancer and Therapy-Related Aging Phenotypes: Evidence and Research Gaps</b>	Jessica Scott
9:45-9:50 AM	<b>Q&amp;A</b>	
9:50-10:10 AM	<b>Discussion</b>	Facilitated by Kirsten Ness, Jennifer Schrack, & Frank Perna
10:10-10:20 AM	<b>Summary of Discussion and Next Steps</b>	Kirsten Ness, Jennifer Schrack, & Frank Perna
<b>10:20-10:30 AM</b>	<b>BREAK</b>	
10:30-10:35 AM	<b>Nutrition Interventions</b>	Rebecca Fuldner & Tanya Agurs-Collins
10:35-10:55 AM	<b>Cancer Therapy, Stress Resistance and Healthspan</b>	Valter Longo
10:55-11:00 AM	<b>Q&amp;A</b>	
11:00-11:20 AM	<b>Nutritional Modulation of Immune and Inflammatory Responses: Does It Play a Role in Age-Associated Cancer?</b>	Simin Meydani
11:20-11:25 AM	<b>Q&amp;A</b>	
11:25-11:45 AM	<b>Weight Management in Cancer and Aging: Finding the Right Balance</b>	Wendy Demark-Wahnefried
11:45-11:50 AM	<b>Q&amp;A</b>	
11:50 AM- 12:10 PM	<b>Discussion</b>	Facilitated by Rebecca Fuldner & Tanya Agurs-Collins
12:10-12:20 PM	<b>Summary of Discussion and Next Steps</b>	Rebecca Fuldner & Tanya Agurs-Collins
<b>12:20-1:00 PM</b>	<b>LUNCH</b> — All attendees are responsible for their own food and beverages.	

1:00-1:05 PM	<b>Cognitive Interventions</b>	Tim Ahles
1:05-1:25 PM	<b>Cognitive Impairment in Cancer Patients – Current and Future Pharmacologic Interventions</b>	Jorg Dietrich
1:25-1:30 PM	<b>Q&amp;A</b>	
1:30-1:50 PM	<b>Examining Interventions Targeting Inflammation for Cognitive Problems in Patients with Cancer Receiving Chemotherapy</b>	Michelle Janelins
1:50-1:55 PM	<b>Q&amp;A</b>	
1:55-2:15 PM	<b>Discussion</b>	Facilitated by Tim Ahles
2:15-2:25 PM	<b>Summary of Discussion and Next Steps</b>	Tim Ahles
<b>2:25-2:35 PM</b>	<b>BREAK</b>	
2:35-2:40 PM	<b>Supportive Care Interventions</b>	Paige Green
2:40-3:00 PM	<b>Strategies to Prevent or Remediate Cancer- and Treatment-Associated Aging</b>	William Dale
3:00-3:05 PM	<b>Q&amp;A</b>	
3:05-3:25 PM	<b>Psychotherapy Interventions for Older Cancer Patients</b>	Christian Nelson
3:25-3:30 PM	<b>Q&amp;A</b>	
3:30-3:50 PM	<b>Discussion</b>	Facilitated by Paige Green
3:50-4:00 PM	<b>Summary of Discussion and Next Steps</b>	Paige Green
4:00-5:00 PM	<b>Day 2 Summary, Wrap-Up, and Next Steps</b>	Kirsten Ness & Section Leaders
<b>5:00 PM</b>	<b>ADJOURN</b>	