

We look forward to seeing you on Monday, March 11th!

Parking is free on the Buck Institute campus, but limited. We recommend carpooling.

Spring 2019 Organizers:

Eric Verdin, MD & Pankaj Kapahi, PhD
The Buck Institute

Danica Chen, PhD
UC Berkeley

Anne Brunet, PhD
Stanford University

Hao Li, PhD
UCSF

8:30-9 am	Breakfast and Registration	Atrium
9 am	Welcome	Drexler Auditorium
9:05 am	Neurodegeneration and aging (Introduction – Regis Kelly) Chair- Danica Chen	Drexler Auditorium
	<ol style="list-style-type: none"> 1. Manish Chamoli (Lithgow Laboratory, Buck Institute). <i>Pharmacological modulation of FXR-TFEB signaling and its therapeutic implications.</i> 2. Ida Bjoerkgren (Lishko Laboratory, UC Berkeley). <i>Unconventional steroid signaling in the choroid plexus of young and ageing brain.</i> 3. Karen Krukowski (Rosi Laboratory, UCSF). <i>Reversal of age-related cognitive decline through temporary inhibition of the integrated stress response.</i> 4. Noori Chai (Graduate student, Gitler Laboratory, Stanford). <i>Genome-wide synthetic lethal screen for neurodegenerative diseases in human cells.</i> 	
10:20 am	Coffee break	Atrium
10:35 am	Emerging mechanisms of lifespan determination (Tom Rando) Chair- Hao Li	Drexler Auditorium
	<ol style="list-style-type: none"> 5. Kevin Wright (Calico Laboratory). <i>Genetic basis of human longevity.</i> 6. Harshani Peiris (Kapahi Laboratory, Buck Institute). <i>The role of elt-7 in mediating lifespan extension by enhancing gut barrier function.</i> 7. Wenyu Zhou (Snyder Laboratory, Stanford). <i>Multi-omic longitudinal profiles define ageotypes at the personalized level.</i> 8. Peter Lidsky (Andino Laboratory, UCSF). <i>Epidemics as an adaptive driving force determining lifespan setpoints.</i> 	
11:50 pm	Glenn Award Announcement, Mark Collins	Drexler Auditorium
12 pm	Lunch and poster session	Atrium
1:30 pm	Cell fate and longevity (Introduction – Judy Campisi) Chair- Anne Brunet	Drexler Auditorium
	<ol style="list-style-type: none"> 9. Robin Yeo (Graduate student, Brunet Laboratory, Stanford). <i>The dynamic chromatin landscape of neural stem cell aging.</i> 10. Daniel Hu (Jasper Laboratory, Buck Institute/Genentech). <i>Lifespan extension by regulating stem cell fates.</i> 11. Wei-Chieh Mu (Chen Laboratory, UC Berkeley). <i>Mitochondrial Stress-initiated NLRP3 Inflammasome Activation Regulates Hematopoietic Stem Cell Aging.</i> 12. Shona Mukerjee (Brand Laboratory, Buck Institute/Touro University). <i>Adaptive Quiescence as a Cancer Cell Survival Strategy.</i> 	
2:45 pm	Coffee break	Atrium
3 pm	Being a Geroscience (Moderator-Pankaj Kapahi)	Drexler Auditorium
	Panelists: Andy Dillin, Judy Campisi, Tom Rando & Reg Kelly	
4 pm	Stress, metabolism and aging (Introduction – Andy Dillin) Chair-Pankaj Kapahi	Drexler Auditorium
	<ol style="list-style-type: none"> 13. Isha Jain (Assistant Professor, UCSF). <i>Turning the Oxygen Dial as a Therapy: Hypoxia as a Treatment for Mitochondrial Dysfunction.</i> 14. Jonathan Long (Assistant Professor, Stanford). <i>Chemical control of mitochondrial function by a family of circulating bioactive lipids.</i> 15. Pei-I Tsai (O'Farrell Laboratory, UCSF). <i>Sustaining mitochondrial genome integrity and robustness with age.</i> 16. Veerle Rottiers (Näär Laboratory, UC Berkeley). <i>Sex-specific regulation of lifespan in C. elegans.</i> 17. Robert Schinzel (Dillin Laboratory, UC Berkeley). <i>The hyaluronidase, tmem2, promotes ER stress resistance and longevity independent of the UPR.</i> 	
5:30 pm	Speaker and Poster Award Presentations	Drexler Auditorium
5:45 pm	Reception	Atrium

