



We look forward to seeing you on Thursday, March 30<sup>th</sup>

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

<b>8:30 am</b>	<b>Arrival: Coffee, tea, pastries, fresh fruit, etc.</b>	
<b>9 am</b>	<b>Stem cell function and aging (Moderator - Danica Chen)</b>	<b>Drexler Auditorium</b>
	<p>1. Imilce Rodriguez (Jasper Laboratory, Buck Institute). <i>A proteostasis checkpoint regulating intestinal stem cell function.</i></p> <p>2. Alyssia Yuotong (Conboy Laboratory, UC Berkeley). <i>Evolutionary conserved viral-promoted down-regulation of oxytocin receptor.</i></p> <p>3. Milos Simic (Dillin Laboratory, UC Berkeley). <i>The UPRER controls the acquisition of pluripotency during cellular reprogramming.</i></p> <p>4. Ted Ho (Passegue Laboratory, UCSF). <i>Autophagy maintains the metabolism and function of young and old hematopoietic stem cells.</i></p> <p>5. David Gate (Wyss-Coray Laboratory, Stanford). <i>Microglial epigenetics in aging.</i></p>	
<b>10:15 am</b>	<b>Coffee break</b>	<b>Atrium</b>
<b>10:30 am</b>	<b>Biotech ventures in the aging field (Moderator - Pankaj Kapahi)</b>	<b>Drexler Auditorium</b>
	<p>Panel discussion: Nathaniel David (Unity), Cynthia Kenyon (Calico), Saul Villeda (UCSF), Judy Campisi (Buck Institute), Remy Gross (Buck Institute).</p>	
<b>11:30 am</b>	<b>Lunch and poster session</b>	<b>Atrium</b>
<b>1:30 pm</b>	<b>Metabolism and aging (Moderator - Hao Li)</b>	<b>Drexler Auditorium</b>
	<p>6. Neelanjan Bose (Kapahi Laboratory, Buck Institute). <i>FOXO modulates purines to influence lifespan and calcification in a D. Melanogaster model.</i></p> <p>7. Suzanne Angeli (Lithgow &amp; Andersen Laboratories, Buck Institute). <i>Germline loss confers robust or super mitochondria phenotype via FOXO and PPAR pathways.</i></p> <p>8. Jesse Meyer (Schilling Laboratory, Buck Institute). <i>Proteomic exploration of age-related macular degeneration using stem cell-derived tissue models.</i></p> <p>9. Lauren Booth (Brunet Laboratory, Stanford). <i>Sexual interactions induce early demise (in nematodes).</i></p> <p>10. Justin Zhang (Zoncu Laboratory). <i>Inter-organelle communication in metabolic control.</i></p> <p>11. Dominik Haddad (Nakamura Laboratory). <i>Metabolic dysfunction in PINK1 model of Parkinson's disease.</i></p>	
<b>3 pm</b>	<b>Coffee break</b>	<b>Atrium</b>
<b>3:15 pm</b>	<b>Neurodegeneration and aging (Moderator - Anne Brunet)</b>	<b>Drexler Auditorium</b>
	<p>12. Swati Naphade (Ellerby Laboratory, Buck Institute). <i>The role of p16 and FOXO3a in Huntington's disease.</i></p> <p>13. Maroof Adil (Schaffer Laboratory). <i>Cell-instructive biomaterial scaffolds to enhance cell replacement therapy in Parkinson's disease.</i></p> <p>14. Siddhita Mhatre and Paras Minhas (Andreasson Laboratory, Stanford) (tag-team). <i>Immune cell metabolism in aging and models of Alzheimer's disease.</i></p> <p>15. Karen Krukowski (Rosi Laboratory, UCSF). <i>Aging exacerbates trauma-induced immune pathways and neuronal dysfunction.</i></p> <p>16. Jessie Carr (Yokoyama Laboratory, UCSF). <i>Immunogenetic contributions to Alzheimer's disease.</i></p> <p>17. Victoria Butler (Kao Laboratory, UCSF). <i>Age and stress-induced progranulin cleavage inhibits lysosomal protease activity.</i></p> <p>18. Nadja Mannowetz (Lishko Laboratory, UC Berkeley). <i>Regulation of cellular ion homeostasis by unconventional endocannabinoid signaling.</i></p>	
<b>5 pm</b>	<b>Glenn Award Announcement, Mark Collins</b>	<b>Drexler Auditorium</b>
<b>5:10 pm</b>	<b>Speaker and Poster Award Presentations</b>	<b>Drexler Auditorium</b>
<b>5:20 pm</b>	<b>Reception</b>	<b>Atrium</b>