BUCK INSTITUTE FOR RESEARCH ON AGING

We look forward to seeing you on Thursday, March 30th
Parking is free on the Buck Institute campus, but limited. We recommend carpooling.

8:30 am	**Arrival: Coffee, tea, pastries, fresh fruit, etc.**	
9 am	**Welcome by Eric Verdin**	**Drexler Auditorium**
9:05 am	**Stem cell function and aging (Moderator - Danica Chen)**	***Drexler Auditorium***
	1. Imilce Rodriguez (Jasper Laboratory, Buck Institute). *A proteostasis checkpoint regulating intestinal stem cell function.* 2. Milos Simic (Dillin Laboratory, UC Berkeley). *The UPRER controls the acquisition of pluripotency during cellular reprogramming.* 3. Ted Ho (Passegue Laboratory, UCSF). *Autophagy maintains the metabolism and function of young and old hematopoietic stem cells.* 4. David Gate (Wyss-Coray Laboratory, Stanford). *Microglial epigenetics in aging.*	
10:05 am	**Coffee break**	***Atrium***
10:20 am	**Biotech ventures in the aging field (Moderator – Eric Verdin)**	***Drexler Auditorium***
	Panel discussion: Jamie Dananberg, M.D. (Unity), Cynthia Kenyon, PhD (Calico), Judy Campisi (Buck Institute), Remy Gross (Buck Institute).	
11:20 am	**Lunch and poster session**	***Atrium***
1:20 pm	**Metabolism and aging (Moderator - Hao Li)**	***Drexler Auditorium***
	5. Neelanjan Bose (Kapahi Laboratory, Buck Institute). *FOXO modulates purines to influence lifespan and calcification in a D. Melanogaster model.* 6. Suzanne Angeli (Lithgow & Andersen Laboratories, Buck Institute). *Germline loss confers robust or super mitochondria phenotype via FOXO and PPAR pathways.* 7. Jesse Meyer (Schilling Laboratory, Buck Institute). *Proteomic exploration of age-related macular degeneration using stem cell-derived tissue models.* 8. Lauren Booth (Brunet Laboratory, Stanford). *Sexual interactions induce early demise (in nematodes).* 9. Justin Zhang (Zoncu Laboratory, UC Berkeley). *Inter-organelle communication in metabolic control.* 10. Dominik Haddad (Nakamura Laboratory, Gladstone). Metabolic dysfunction in PINK1 model of Parkinson's disease.	
2:50 pm	**Coffee break**	***Atrium***
3:05 pm	**Neurodegeneration and aging (Moderator - Anne Brunet)**	***Drexler Auditorium***
	11. Maroof Adil (Schaffer Laboratory, Berkeley). *Cell-instructive biomaterial scaffolds to enhance cell replacement therapy in Parkinson's disease.* 12. Siddhita Mhatre and Paras Minhas (Andreasson Laboratory, Stanford) (tag-team). *Immune cell metabolism in aging and models of Alzheimer's disease.* 13. Karen Krukowski (Rosi Laboratory, UCSF). *Aging exacerbates trauma-induced immune pathways and neuronal dysfunction.* 14. Jessie Carr (Yokoyama Laboratory, UCSF). *Immunogenetic contributions to Alzheimer's disease.* 15. Victoria Butler (Kao Laboratory, UCSF). *Age and stress-induced progranulin cleavage inhibits lysosomal protease activity.* 16. Nadja Mannowetz (Lishko Laboratory, UC Berkeley). *Regulation of cellular ion homeostasis by unconventional endocannabinoid signaling.*	
4:35 pm	**Glenn Award Announcement, Mark Collins**	***Drexler Auditorium***
4:50 pm	**Speaker and Poster Award Presentations**	***Drexler Auditorium***
5:05 pm	**Reception**	***Atrium***