

Poster List for 2018 Aging Association Meeting

Poster #	Last	First	Abstract Title
Poster Session 1, Friday June 29 from 6:00 PM to 8:30 PM			
1	Adelnia	Fatemeh	Moderate-to-vigorous physical activity attenuates the age-associated decline in muscle oxidative capacity
2	An	Jonathan	Rapamycin treatment attenuates age-associated periodontitis in mice
3	Banh	Andy	mTOR-driven brain microvascular proteome alterations in Alzheimer's disease.
4	Beaupere	Carine	Tis11 and Cth1 deficiency extends <i>Saccharomyces cerevisiae</i> lifespan via metabolic reprogramming
5	Bene	Michael	Effects of 4-Phenylbutyrate on Cellular Fitness
6	Bitto	Alessandro	Therapeutic Potential of Dietary Restriction Mimetics to Treat Mitochondrial Disease.
7	Blue	Ben	WormBot: An Open-Source Robotics Platform for <i>C. elegans</i> Survival Assays.
8	Brace	Lear Elizabeth	Mechanisms of sexual dimorphism and mTORC1 effectors in type 2 diabetes and aging
9	Bullock	Kelsey	Health benefits of late-onset metformin treatment every other week in mice.
10	Burnaevskiy	Nikolay	Germline-independent reactivation of somatic RNA metabolism underlies morphological rejuvenation after adult reproductive diapause in <i>C. elegans</i>
11	Burnaevskiy	Nikolay	Protein expression capacity underlies nongenetic differences in lifespan and stress resistance.
12	Campbell	Thomas	NMNATs: The Gatekeepers to NAD Synthesis
13	Chellappa	Karthikeyani	The leptin sensitizer celastrol reduces age-associated obesity and modulates behavioral rhythms
14	Chiles Shaffer	Nancy	Body Composition of Mice and Men: Comparison of Trajectories across Lifespans
15	Colby	Allen	Eldercare Research Project
16	Contreras	Nico	Calorie restriction induces reversible lymphopenia and lymphoid organ atrophy due to cell redistribution.
17	Cooke	Diana	The Effects of Methionine Restriction in Muscles of Young and Aged Mice
18	Crane	Matthew	The dynamics of catastrophic nuclear failures and recovery in aging yeast.
19	Dorigatti	Jonathan	β -GPA Alters Mitochondrial Energetics to Improve Markers of Health and Function
20	Farias Quipildor	Gabriela	Central IGF-1 reduces depressive-like behavior and improves physical performance with aging preferentially in male mice
21	Furber	John	Systems Biology of Human Aging - Network Model 2018
22	Goldberg	Emily	Role of ketone body β -hydroxybutyrate in regulation of age-related inflammation and healthspan extension
23	Graber	Ted	Comprehensive Evaluation of Physical Function in Older Mice
24	Gribble	Kristin	Maternal effects on offspring aging: Rotifers as a model system for aging.
25	Hatle	John	Interaction of Neuropeptide F and diet levels effect carbonyl levels in grasshoppers
26	Hernandez	Stephen	Neurovascular Coupling Deficits Precede Cognitive Dysfunction in a Mouse Model of Alzheimer's Disease
27	Huang	Hung-Yu	Oxygen desaturation in 6-min walk test is a risk factor for mortality and accelerated lung function decline in elderly COPD patients
28	Huber	Hillary	Heat shock protein 90 increases with aging in the female baboon frontal cortex and liver: Implications for cellular cortisol activity
29	Huber	Hillary	Programming of cortisol across the life-course in IUGR baboons: evidence for accelerated aging
30	Hussein	Asis	Regulation of mTOR dependent entry and exit from diapause-like state
31	Jewett	Kathryn	Non-cell autonomous rescue of brain protein aggregation in a <i>Drosophila</i> model of glucocerebrosidase deficiency
32	Justice	Jamie	A Proposed Biomarker Strategy for a Multi-Center Geroscience-Guided Clinical Trial
33	Kiflezghi	Michael	A system to identify inhibitors of mTOR signaling using high-resolution growth analysis in <i>Saccharomyces cerevisiae</i> .
34	Kim	Su-Jeong	Amino acid replacement (K14Q) of mitochondria-derived peptide, MOTS-c, affects type 2 diabetes in men with lower physical activity
35	Kim	So-Jin	ABT263 protects against cigarette smoke-induced senescence via activation of macrophage migration inhibitory factor
36	Latorre	Eva	Mitochondria-targeted hydrogen sulfide attenuation of senescence in endothelial cells by selective induction of splicing factors HNRNP and SRSF2.
37	Lee	Mitchell	<i>Pterocarpus marsupium</i> extract extends yeast lifespan
38	Lewis	Kaitlyn	Ain't no sunshine...underground: The naked mole-rat's remarkable resistance to UV-induced tumorigenesis
39	Liao	Chen-Yu	Spermidine: the next Rapamycin?

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Poster #	Last	First	Abstract Title
Poster Session 2, Saturday June 30 from 6:00 PM to 8:30 PM			
40	Logan	Sreemathi	Simultaneous assessment of cognitive function, circadian rhythm and spontaneous activity in aging mice.
41	Long	Dani	Links between lactate dehydrogenase and lifespan, neurodegeneration, and metabolism in the aging brain of <i>Drosophila melanogaster</i> .
42	Martinez	Anthony	The dopamine metabolite 3,4-dihydroxyphenylacetaldehyde exacerbates motor deficits in an alpha-synuclein mouse model of Parkinson's disease
43	Mason	Jeffrey	Ovarian-Dependent, Germ Cell-Independent Extension of Longevity and Abatement of Inflammaging in Post-Reproductive Female Mice
44	Miller	Brendan	The mitochondrial-derived peptide humanin biophysically interacts with APOE3 and APOE4
45	Mukherjee	Kishore	Short-term sleep deprivation is a physical stressor for testing resilience to aging in mice
46	Mukherjee	Sarmistha	Therapeutic applications of Nicotinamide riboside to treat liver injury
47	Nagare	Rohan	Effect of exposure duration and light spectra on nighttime melatonin suppression in adolescents and adults
48	Noguchi	Eishi	Maf1-dependent transcriptional regulation of tRNAs prevents genomic instability to extend lifespan.
49	Olson	Angela	Tau-induced astrocyte senescence as a driver of neuronal dysfunction in AD.
50	Ostrom	Ethan	Aerobic Exercise Improves Redox Capacity in Inactive Older Adults:A Randomized (Crossover) Control Trial
51	Paixao	Luis	EEG-Based Brain Age and Its Relation with Mortality
52	Paolella	Lauren	mTOR signaling in adipose tissue influences systemic lipid metabolism.
53	Parks	Eileen	Mechanisms and Consequences of Reduced Allopregnanolone in Brain Aging.
54	Peake	Jasmine	Roles of the Fanconi anemia DNA repair pathway and acetaldehyde detoxification in preventing genomic instability in esophageal keratinocytes
55	Pharaoh	Gavin	Muscle-Specific Expression of Mitochondrial-Targeted Catalase Does Not Rescue Denervation-Induced ROS Production or Skeletal Muscle Atrophy.
56	Piekarz	Katarzyna	Aging is associated with loss of motor neurons and disruption of extracellular matrix homeostasis
57	Rong	Na	NANOG restores collagen type III production in aged stem cells
58	Rossner	Ryan	The regulation and function of <i>C. elegans</i> flavin-containing monooxygenase <i>fmo-2</i> .
59	Salimi	Shabnam	Reduced methylation at the <i>TRIP12</i> promoter is associated with multi-morbidity: Findings from the InCHIANTI Study
60	Sarker	Marjana	Effect of caloric restriction, curcumin and a combination of caloric restriction and curcumin on AMPK and ACC activity in the cortex of normal aging C57BL/6 mice
61	Sessions	Garrett	Characterizing the Senescent Phenotype of Chondrocytes With High p16 ^{INK4a} Gene Expression
62	Shakelford	Rodney	The <i>Ataxia telangiectasia-mutated</i> and Rad3-related Protein Kinase Regulates Cellular Hydrogen Sulfide Concentrations
63	Shahini	Aref	NANOG Restores the Myogenic Differentiation Potential of Senescent Myoblasts
64	Starr	Marlene	Age-associated expansion of gamma delta T cells promotes visceral adipose tissue inflammation
65	Sutphin	George	Systemic elevation of the kynurenine pathway metabolite 3-hydroxyanthranilic acid (3HAA) to extend lifespan and delay Alzheimer's pathology
66	Sweetwyn	Mariya	Elamipretide-induced mitochondrial protection of aged renal glomerular epithelia
67	Tabrizian	Tahmineh	Aging <i>per se</i> is a modifier of tumor development and prevention of intestinal tumorigenesis by dietary restriction
68	Thyne	Kevin	Sulfur Metabolism in Methionine Restriction
69	Traustadóttir	Tinna	Resistance to Oxidative Stress in Older Men and Women; Effects of Aerobic Fitness are Sex Dependent
70	Tüzer	Ferit	Neuronal Dysfunction Induced by Senescent Astrocytes
71	Valencia	Ana	Short term high-sucrose diet increases oxidative stress in skeletal muscle of aged mice.
72	Van Skike	Candice	Neurovascular Uncoupling in Mouse Models of Tauopathy
73	Vaughan	Kelli	The NIA Nonhuman Primate Core Program: Providing Translational Aging Research Support
74	Wang	Adrienne	A <i>Drosophila</i> Model of Genetic Variation in Alzheimer's Disease
75	Whitson	Jeremy	Combating Cardiac Aging Using Mitochondrial Pharmacotherapeutics: SS-31 and NMN
76	Williams	Katrina	Aging and oxidative stress modify the osteocyte microtubule cytoskeleton, a key regulator of skeletal mechanotransduction

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77	Zhang	Huilang	Acute SS-31 treatment reverses mitochondrial dysfunction in aged cardiomyocytes
78	Zhu	Lida	Wheel Running Predicts Resilience to Tumors in Old Mice
