afar american federation for aging research

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FIFTEEN EARLY CAREER SCIENTISTS RECEIVE PRESTIGIOUS GRANTS FROM AFAR AND THE GLENN FOUNDATION FOR MEDICAL RESEARCH TO ADVANCE RESEARCH ON AGING

NEW YORK, NY and SANTA BARBARA, CA – The American Federation for Aging Research (AFAR) and the Glenn Foundation for Medical Research are pleased to announce the 2019 **Research Grants for Junior Faculty** recipients:

- **Carlos Aguilar, PhD**, Assistant Professor: University of Michigan, *Deconstructing stem cell aging through interact-omics*
- **Nausica Arnoult, PhD**, Assistant Professor, University of Colorado Boulder, *DNA Double Strand Break repair pathway choice and repair fidelity during cellular and organismal aging*
- **Abigail Buchwalter, PhD**, Assistant Professor, University of California, San Francisco, *Defining drivers and consequences of ribosome biogenesis deregulation during mammalian aging*
- **Lindsay De Biase, PhD**, Assistant Professor, David Geffen School of Medicine at UCLA, *Regional differences in microglial lysosome function and their implications for microglial aging and cognitive decline*
- **Brian DeBosch, MD, PhD**, Assistant Professor, Washington University School of Medicine, *Activating the hepatic glucose fasting response to attenuate aging-related metabolic and autophagic defects.*
- **Yarui Diao, PhD**, Assistant Professor, Duke University School of Medicine, *Identification and application of cis-regulatory enhancer elements for muscle stem cell function and muscle regeneration in aging.*
- **Sung Min Han, PhD**, Assistant Professor, University of Florida, *Identifying genes that regulate mitochondrial positioning at the synapse during aging*
- **Mark McCormick, PhD**, Assistant Professor, University of New Mexico Health Sciences Center, *Measurement of the conservation in mammalian cells of the effects of lifespan-extending tRNA synthetase inhibitors.*
- **Maria Mihaylova, PhD**, Assistant Professor, The Ohio State University, *Understanding the Effects of Dietary and Microbially Derived Metabolites on Gut Epithelial and Immune Cell Homeostasis During Aging*
- **Kapil Ramachandran, PhD,** Junior Fellow, Harvard Society of Fellows, Harvard University, *Contributions and mechanisms of neuroproteasomes to brain aging*
- **A. Hunter Shain, PhD**, Assistant Professor, University of California, San Francisco, *Somatic mutation burden and aging in human skin*
- **Aakanksha Singhvi, PhD**, Assistant Member, Fred Hutchinson Cancer Research Center, University of Washington, *Molecular investigation of glial roles in neural aging*
- **Peter Sudmant, PhD**, Assistant Professor, University of California, Berkeley, *Ultra-sensitive profiling of cell-type specific age-associated somatic mitochondrial mutational diversity*
- **George Sutphin, PhD**, Assistant Professor, University of Arizona, *Understanding the interplay between tryptophan and NAD metabolism during aging*
- **Ming Xu, PhD**, Assistant Professor, University of Connecticut Health Center, *Targeting p21high senescent cells to improve healthspan and lifespan*

The Research Grant for Junior Faculty provides an early career investigator with up to $100,000 for one- to two-years to support research focused on aging processes and age-related diseases.

“Understanding the basic biology of aging is essential to advancing better therapies for age-related diseases,” notes Mark R.Collins, President of the Glenn Foundation for Medical Research. “The research supported through these Junior Faculty grants will lead to discoveries that can help extend healthspan--our years of health as we age.”

Selected through a rigorous review process, fifteen Research Grants for Junior Faculty, totaling nearly $1,450,000, have been awarded this year.

“The Research Grant for Junior Faculty provides flexible support at a critical juncture in their career when research funding is most difficult to obtain,” notes Stephanie Lederman, EdM, AFAR’s Executive Director.

This grant program is funded in part by the Glenn Foundation for Medical Research and the support of The AFAR Board of Directors, Anonymous, Proceeds from AFAR's 2018 Dinner, The James A. and Dorothy R. Brunn Foundation, The Charina Foundation, David W. Gore, The Hearst Foundation, Diana Jacobs Kalman, The William G. and Helen C. Hoffman Foundation, Diane Nixon, and The Irving S. Wright Endowment.

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GLENN FOUNDATION
FOR MEDICAL RESEARCH

About the Glenn Foundation for Medical Research - Founded by Paul F. Glenn in 1965, the mission of the Glenn Foundation for Medical Research is to extend the healthy years of life through research on mechanisms of biology that govern normal human aging and its related physiological decline, with the objective of translating research into interventions that will extend healthspan with lifespan. Learn more at www.glennfoundation.org

About AFAR - The American Federation for Aging Research (AFAR) is a national non-profit organization that supports and advances pioneering biomedical research that is revolutionizing how we live healthier and longer. For nearly four decades, AFAR has served as the field's talent incubator, providing more than $181 million to nearly 4,200 investigators at premier research institutions nationwide. In 2019, AFAR grant programs are providing more than $3,700,000 in support to investigators and students. A trusted leader and strategist, AFAR also works with public and private funders to steer high quality grant programs and interdisciplinary research networks. AFAR-funded researchers are finding that modifying basic cellular processes can delay—or even prevent—many chronic diseases, often at the same time. They are discovering that it is never too late—or too early—to improve health. This groundbreaking science is paving the way for innovative new therapies that promise to improve and extend our quality of life—at any age. Learn more at www.afar.org or follow AFARorg on Twitter and Facebook.