GLENN FOUNDATION FOR MEDICAL RESEARCH

afar american federation for aging research

November 14, 2024

Contact: John Chaich, john@afar.org

$1.5 Million Support from Glenn Foundation for Medical Research for 2024 Grants for Junior Faculty and Postdoctoral Fellowships Boosts Vital Funding for Early Career Investigators in Aging

NEW YORK, NY and SANTA BARBARA, CA — The American Federation for Aging Research (AFAR) is pleased to announce the sixteen recipients of the **2024 Glenn Foundation for Medical Research Postdoctoral Fellowships in Aging Research** and the **Glenn Foundation for Medical Research Grants for Junior Faculty.**

The **Glenn Foundation for Medical Research Postdoctoral Fellowships in Aging Research** support postdoctoral fellows who direct their research towards basic research mechanisms of aging and/or translational findings that have potential to directly benefit human health. Selected through a rigorous review process, twelve one-year , $75,000 fellowships have been awarded in 2024:

- **Amanat Ali, Pharm-D, PhD,** Postdoctoral Research Fellow, Albert Einstein College of Medicine: *Identification and Characterization of Functional Coding Variants in human longevity pathways*
- **Lena Batoon, PhD,** Postdoctoral Research Fellow, Mayo Clinic: *Role of bone marrow macrophage iron accumulation in inflammaging*
- **Walker Hoolehan, PhD,** Postdoctoral Fellow, Oklahoma Medical Research Foundation: *Identifying single-molecule epigenetic modification patterns regulating age-associated neuroinflammatory gene expression programs*
- **Xiaolin 'Lindsay' Huang, PhD,** Postdoctoral Fellow, University of California, Berkeley: *The role of diminished dopamine levels on age-related sleep disturbances*
- **Ryan Marshall, PhD,** Postdoctoral Research Associate, University of Wisconsin-Madison: *Investigating Age- and Sex-Specific Proteostatic Responses in Skeletal Muscle to Isoleucine Restriction and Weight-Pulling Exercise*
- **Ethan Perets, PhD,** Postdoctoral Fellow, UT Southwestern Medical Center: *Dissecting Innate Immunity at Organelle Contact Sites in Brain Aging*
- **Andrea Francesca Salvador, PhD,** Postdoctoral Fellow, University of Pennsylvania: *Characteristics causes and consequences of interoceptive dysfunction in aging*
- **Omer Sharon, PhD,** Postdoctoral Fellow, University of California Berkeley: *The role of sleep-dependent glymphatic brain clearance in human aging*
- **Lilian Silva, PhD,** Postdoctoral Fellow, Saint Louis University: *New roles of nuclear STING in aging*
- **Hongyang Xu, PhD,** Postdoctoral Fellow, Oklahoma Medical Research Foundation: *Role of iPLA2 on store operated Ca2+ entry (SOCE) and muscle force generation during aging*
- **Yanxin Xu, PhD,** Postdoctoral Research Fellow, Massachusetts General Hospital: *How does metformin block chronic inflammation in senescence and aging*
- **Yifei Zhou, PhD,** Postdoctoral Fellow, Massachusetts General Hospital and Harvard Medical School: *A non-canonical role of nucleoporins in bridging energy sensing and aging*

The **Glenn Foundation for Medical Research Grants for Junior Faculty** provide up to $150,000 for a one- to two-year award to early career investigators (MDs and PhDs) to conduct research that serves as the basis for longer term research efforts on the biology of aging. The major goal of this program is to assist in the development of the careers of early career investigators committed to pursuing careers in aging research. Selected through a rigorous review process, this year's recipients are exploring a range of topics:

- **Aidan Gilchrist, PhD**, Assistant Professor, University of California Davis: *Microenvironmental regulation of metabolism in hematopoietic stem cell aging*

- **Longhua Guo, PhD,** Assistant Professor, University of Michigan: *Molecular and Cellular Mechanisms of extreme longevity and global tissue rejuvenation*

- **Changyang Linghu, PhD,** Assistant Professor, University of Michigan: *Spatiotemporally scalable recording of single-cell gene expression histories across aging brain*

- **Ayshwarya Subramanian, PhD,** Assistant Professor, Cornell University: *Macrophage niches in aging*

Notes AFAR Executive Director Stephanie Lederman, EdM: "The American Federation for Aging Research and the Glenn Foundation for Medical Research have a decades-long partnership that has funded research by the brightest talent through these grant programs. With the support of these grants, emerging investigators acquire the knowledge, skills, and experience needed to obtain larger grants as they build a body of research."

"The Glenn Foundation for Medical Research is pleased to work with AFAR to work to nurture a sustainable and robust scientific workforce equipped to address the greatest opportunities and challenges in aging research," says Mark R. Collins, President, Glenn Foundation for Medical Research. "The Grants for Junior Faculty and Postdoctoral Fellowships programs have been a catalyst for important discoveries, bringing us closer to the development of therapies that will extend our years of health as we age."

Learn more about the **Glenn Foundation for Medical Research Postdoctoral Fellowships in Aging Research** here. Learn more about the **Glenn Foundation for Medical Research Grants for Junior Faculty** program here.

###

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 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 more than four decades, AFAR has served as the field's talent incubator, providing $212,500,000 to 4,460 investigators at premier research institutions to date—and growing. In 2024, AFAR expects to provide approximately $12,270,00 to 60 investigators. 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.