

December 4, 2025

The Science and Medicine of Improving Human Resilience

AGENDA

8:15 - 8:45 AM **Registration & Breakfast**

8:45 - 9:00 AM **Welcoming Remarks:**

Fredric Wondisford, MD, MS, MBA

Dean

University of Arizona College of Medicine – Phoenix

Michael Fallon, MD, FACP Vice Dean, Clinical Affairs

Executive Director, Clinical Research Chair and Professor of Internal Medicine

University of Arizona College of Medicine – Phoenix

Chris Glembotski, PhD Vice Dean, Research

Director, Translational Cardiovascular Research Center

Professor of Medicine

University of Arizona College of Medicine – Phoenix

Session 1

DEFECTS OF IMMUNITY WITH AGING AND HOW TO FIX THEM 9:00 - 9:45 AM

> Featured Speaker: Janko Nikolich, MD, PhD Associate Dean for Research and Partnerships

Regents Professor

Professor, Department of Basic Medical Sciences University of Arizona College of Medicine – Phoenix

9:45 - 10:30 AM BIOLOGICAL RESILIENCE AND HEALTHY AGING

Featured Speaker: Anthony Molina, PhD

Professor, Department of Medicine

Scientific Director, The Sam and Rose Stein Institute for Research on Aging and the UC

San Diego Center for Healthy Aging

Research Chief, Division of Geriatrics, Gerontology, and Palliative Care

University of California San Diego

10:30 - 10:45 AM MORNING BREAK

Session 2

SO. WHAT'S AGING AND WHAT'S DISEASE: IS "NORMAL AGING" OF YOUR HEART A 10:45 - 11:30 AM

DISEASE?

Featured Speaker: Edward Lakatta, MD

Chief, Laboratory of Cardiovascular Science, Intermural Research Program, NIH Professor, Department of Medicine, Cardiology, Johns Hopkins University School of

Medicine

Adjunct Professor, Department of Physiology, University of Maryland School of Medicine

NIH National Institute on Aging

Presenting in a personal capacity











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Session 2 (continued)

11:30 - 12:15 PM MEASURING THE PROGRESSION OF AGING

Featured Speaker: David Furman, PhD

Associate Professor

Director, Bioinformatics and Data Science

Director, Stanford 1000 Immunomes Project, Stanford University

Buck Institute for Research on Aging

12:15 - 1:15 PM LUNCH BREAK

Session 3

1:15 - 2:00 PM CELLULAR SENESCENCE, SENOLYTICS, AND RESILIENCE: THE PATH TO

TRANSLATION

Featured Speaker: James Kirkland, MD, PhD

Professor of Medicine, Division of Endocrinology, Diabetes and Metabolism

Director, Center for Advanced Gerotherapeutics

Emeritus Professor, Mayo Clinic Cedars-Sinai Medical Center

2:00 - 2:45 PM BUILDING HEALTH RESILIENCE IN A WARMING WORLD

Featured Speaker: Amelia Gallitano, MD, PhD

Keating Family Endowed Professor for Interdisciplinary Research

Professor, Departments of Basic Medical Sciences, Psychiatry, and Translational

Neurosciences

Director, MD/PhD Program

University of Arizona College of Medicine – Phoenix

2:45 - 3:00 PM AFTERNOON BREAK

Session 4

3:00 - 3:45 PM THE UNSEEN TOLL: EXTREME WEATHER, ENVIRONMENTAL STRESS, AND HUMAN

RESILIENCE

Featured Speaker: Eugene Livar, MD

Assistant Director of Public Health Resiliency, Environment, and Policy

Chief Heat Officer

Arizona Department of Health Services

3:45 - 4:15 PM FEATURED SPEAKERS PANEL DISCUSSION

4:15 - 4:30 PM Closing Remarks:

Chris Glembotski, PhD – Vice Dean, Research, University of Arizona College of Medicine –

Phoenix

Victor Waddell, PhD – Executive Director, Arizona Biomedical Research Centre John Garcia, MBA, CPM – Program Director, Arizona Biomedical Research Centre Mary O'Reilly, PhD – Vice President, Bioscience Research Programs, Flinn Foundation

4:30 - 5:30 PM NETWORKING RECEPTION







