

**NSC Directors' Symposium & AGE Pre-meeting Agenda
(Draft 12/15/2017)**

June 27 and 28, 2018

Pathways to Translation of Geroscience

Wednesday, June 27, 2018

1:00 - 1:15 pm Opening Remarks (NIA and AFAR)

1:15 – 2:00 pm **Keynote Speaker: Eline Slagboom, Leiden University Medical Center**

2- 4:30 pm **Translation of interventions**

We now have numerous interventions that extend life and/or health in mice. The field needs to think hard about how to move beyond mice. What knowledge is needed to move successful mouse interventions forward into human trials? How can academic science and pharma work better together? When are large mammal or non-human primate trials necessary and when can interventions move directly from mice to humans? What are the ways forward?

Mark Bamberger, Stealth Biotherapeutics
Salvadore Oddo, University of Arizona
Zan Fleming, Kinexum
Monica Mita, Cedars-Sinai

Thursday, June 28, 2018

8:30- 10:15 am **How healthy is the healthspan concept?**

Defining healthspan is not easy. Yet researchers in recent years have been claiming to do so in mice. Have they? Can mouse healthspan studies translate to human clinical trials? What are the critical features of healthspan? Are we measuring it in a translatable way? What can mouse researchers learn from the human “frailty” measurement experience?

Coleen Murphy, Princeton University
Veronica Galvan, UTHSCSA
Rafa de Cabo, NIA
Harvey J. Cohen, Duke University

10:15 – 10:45 am Break

10:45 am - 12:30 pm

Biomarkers Redux?

The Biomarkers study of the 1990's was a bust, but many new putative molecular biomarkers have been advocated since then. Have we really come a long way or is this false hope? Can we reach a consensus on what a biomarker is supposed to measure? Which are practical and translatable to human trials? How well do the current favorites stack up? What additional information would strengthen the case for putative biomarkers?

Rich Miller, University of Michigan – chair

Steve Horvath, UCLA

Laura Niedernhofer, Scripps Institute

Tamara Harris, NIA

Kristen Fortney, BioAge Labs