

AGING RESEARCH DAY

Friday, May 18, 2012



KEYNOTE SPEAKER

Thomas Rando

**Stanford University Medical Center
1:00-2:00 PM, Goergen Hall 101**

Thomas A. Rando is professor of the Department of Neurology at Stanford University School of Medicine and deputy director of the Stanford Center on Longevity. Rando's research concerns the basic biology of stem cells and how they function in adult tissue homeostasis, in degenerative diseases, and in aging. Groundbreaking work from his lab has demonstrated that it is possible to identify biochemical stimuli that can induce stem cells in old tissues to repair injuries as effectively as in young tissues, and this work has broad implications for the fields of regenerative medicine and stem cell transplantation. Dr. Rando has received numerous awards, including Paul Beeson Physician Faculty Scholar in Aging by the American Federation for Aging Research, Ellison Medical Foundation Senior Scholar in award, and the National Institutes of Health Director's Pioneer Award for his work at the interface between stem cell biology and the biology of aging.

All talks are held in Goergen Hall 101

- 9:00-9:20 [Patricia White](#), Neurobiology and Anatomy, UR "The Genetics of Noise and Age-Related Hearing Loss"
- 9:25-9:45 [Keith Nehrke](#), Medicine, UR "The Light at the End of the Tunnel: Death in *C. elegans*"
- 9:50-10:10 [Andy Samuelson](#), Biomedical Genetics, UR "Mechanisms of the Mlx and Max Transcriptional Network in Aging"
- 10:10-10:40 Break
- 10:40-11:00 [Andrei Seluanov](#), Biology, UR, "Novel Anticancer Mechanisms in Long-lived Mole Rats"
- 11:05-11:25 [Yekaterina Leonova and Andrei Gudkov](#), Roswell Park Cancer Institute, "Control of transcriptional silencing of genomic junk: potential link to aging"
- 11:30-11:50 [Mark Noble](#), Biomedical Genetics, UR "An oxidative-reductionist approach to understanding precursor cell function"
- 12:00-1:00 Luncheon, Goergen Hall Atrium
- 1:00-2:00 **Keynote talk:** [Thomas Rando](#), Stanford University Medical Center
"Aging, Rejuvenation, and Resetting the Aging Clock"

Sponsored by the University Committee on Interdisciplinary Studies