

AGING RESEARCH DAY

Friday, May 20, 2016

Sponsored by the University Committee on Interdisciplinary Studies and Rochester Aging Research Center (RoAR)



KEYNOTE SPEAKER

Leonard Guarente

Massachusetts Institute of Technology

3:00-4:00 PM, Goergen Hall 101

Dr. Leonard P. Guarente is a director of MIT's Glenn Laboratory for the Science of Aging, where he is also a Novartis Professor of Biology. Dr. Guarente is a pioneer and leader in the study of the molecular biology of aging. He is best known his discovery of the role of yeast Sir2 gene, and its mammalian homologs, in controlling the organism's life span. In addition, Dr. Guarente has made seminal contributions into studies of calorie restriction and NAD metabolism. Dr. Guarente has over 250 publications and has received numerous awards for his work on aging. He is a fellow of the American Academy of Arts and Sciences. Dr. Guarente is actively involved in translating research findings therapies and is a founder of Elysium Health.

All talks are held in Goergen Hall 101

- 10:00-10:20 **John Foxe**, Department of Neuroscience, URM "Neural Compensation or Neural Reconfiguration – What are the keys to successful Cognitive Aging?"
- 10:20-10:40 **Laura Calvi**, Department of Medicine, URM "Contribution of the marrow microenvironment to hematopoietic aging"
- 10:40-11:00 **Vera Gorbunova**, Department of Biology, UR "Want to live long? Improve your SIRT6"
- 11:00-11:30 Break – Goergen Hall Atrium
- 11:30-11:50 **Xin Li**, Department of Biomedical Genetics, UR "How does advanced paternal age affect the next generation?"
- 11:50-12:10 **David Goldfarb**, Department of Biology, UR "Topoisomerase 2 and the DNA Damage Theory of Aging"
- 12:10-12:30 **Suprya Mohile**, Wilmot Cancer Center, URM "Geriatric Oncology Research to Improve Clinical Care"
- 12:30-1:00 Panel discussion: Challenges in Aging Research
- 1:00-3:00 Luncheon, Goergen Hall Atrium
- 3:00-4:00 **Keynote talk: Leonard Guarente, Massachusetts Institute of Technology**
"Sirtuins, NAD and Aging"