AGING RESEARCH DAY

Friday, May 3, 2013

KEYNOTE SPEAKER
Jan van Deursen
Mayo Clinic
1:00-2:00 PM, Goergen Hall 101

Jan van Deursen is Professor of Biochemistry and Molecular Biology and Pediatrics, Kogod Center on Aging, at Mayo Clinic. The focus of Dr. van Deursen's research is the molecular basis of human cancer and aging and the role of aneuploidy in these processes. In the recent report published in *Nature* van Deursen team demonstrated that reducing chromosomal instability extends mouse lifespan. Dr. van Deursen is also interested in the role of cellular senescence in aging. His groundbreaking work showed that the onset of age-related disorders and disabilities could be delayed or prevented by eliminating senescent or "deadbeat" cells. *Science* magazine recognized the work as one of the year's top 10 scientific achievements.

All talks are held in Goergen Hall 101

9:00-9:20	Vera Gorbunova, Biology, UR "Long-lived species do not mess up their chromosomes"
9:25-9:45	Yi-Tao Yu, Biochemistry and Biophysics, UR "Regulation of telomerase activity and aging by 2'-O-methylation in telomerase RNA"
9:50-10:10	Maiken Nedergaard, Neurosurgery, UR "Do failure of macroscopic clearance contribute to amyloid plaque formation? "
10:10-10:40	Break
10:40-11:00	Andrei Seluanov, Biology, UR, "Regulation of genome stability by the aging gene SIRT6"
11:05-11:25	Sina Ghaemmaghami, Biology, UR, "Impact of aging on global protein turnover"
11:30-11:50	Irfan Rahman, Environmental Medicine, UR "Environmental factors and lung aging"
12:00-1:00	Luncheon, Goergen Hall Atrium

1:00-2:00 Keynote talk: **Jan van Deursen, Mayo Clinic, "Progenitor Cell Senescence as a Cause of Aging"**

Sponsored by the University Committee on Interdisciplinary Studies, VWR and LPS