

# AGING RESEARCH DAY

## Monday, May 4, 2009



### KEYNOTE SPEAKER

Jan Hoeijmakers

Erasmus University MC

**12:00-1:00 PM, Goergen Hall 101**

Professor Jan Hoeijmakers is a head of the Department of Genetics at Erasmus Medical Center in Rotterdam, The Netherlands. He is internationally renown for his studies of DNA repair and aging. His team cloned the first of many subsequent human DNA-repair genes, discovered the strong evolutionary conservation of DNA repair systems, elucidated the basis of several human repair (and basal transcription) syndromes. Furthermore, Dr. Hoeijmakers' group generated a large number of mouse mutants in DNA repair that provided insight into the etiology of human repair syndromes and discovered a link between repair, transcription, stress signaling, and aging. Dr. Hoeijmakers has published more than 250 scientific papers and won several international awards for his research.

### All talks are held in Goergen Hall 101

9:00 Paul Brookes, University of Rochester SMD, "Sirtuins & cardioprotection"  
9:20 Susan Friedman, University of Rochester SMD, "Geriatric fracture center outcomes"  
9:40 William Burhans, Roswell Park Cancer Institute, "DNA replication stress and aging"  
10:00 Vera Gorbunova, University of Rochester, "Anticancer mechanisms in the naked mole-rat"  
10:20 Break  
10:40 Andrei Seluanov, University of Rochester, "Sirtuin function in DNA repair and stress response"  
11:00 Siu Sylvia Lee, Cornell University, "*C. elegans* HCF-1 functions in longevity maintenance as a DAF-16/FOXO transcriptional cofactor"  
11:20 Henri Jasper, University of Rochester, "Regulation of metabolic homeostasis by stress signaling"

### Keynote speaker:

12:00 Jan Hoeijmakers, Erasmus MC, "The quality of DNA and the connection with cancer and aging"  
1:15 Luncheon, Goergen Hall atrium