

**Joe L. Parkin Lecture in Aging
SAVE THE DATE!
Thursday, April 3, 2008
4:00-4:30 PM reception; MERF Atrium
4:30-5:30 PM lecture-Sahai Auditorium, 1110A MERF**



"Genes & Cells that Control the Rate of Aging"

Speaker: Cynthia Kenyon, Ph.D., Director, UCSF Hillblom Center for the Biology of Aging; American Cancer Research Professor, Department of Biochemistry & Biophysics University of California, San Francisco, CA.

Cynthia Kenyon and colleagues' discovery that a single-gene mutation could double the lifespan of *C. elegans* sparked an intensive study of the molecular biology of aging. Aging had long been assumed to be a passive consequence of molecular wear and tear. Instead, Kenyon's discoveries have led to the realization that the aging process is subject to exquisite hormonal and transcriptional regulation in many species, including mammals. By manipulating genes and cells, Kenyon and her colleagues have now been able to extend the lifespan of healthy, active *C. elegans* by six fold.

Within the last year, Dr. Kenyon has been interviewed on National Public Radio; profiled on the online site "Science Café" by Jeff Miller; appeared in a second Nova Science Now program on PBS; interviewed for Charlie Rose [200 PBS stations]; and interviewed by BBC radio.

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