

Postdoctoral Fellow Position: Aging Research, University of Washington

Laboratory of Dr. Junko Oshima and Dr. George M. Martin has utilized genetics to investigate basic mechanisms of biological aging for many decades. A major focus has been the discovery of constitutional mutations that lead to segmental progeroid syndromes in human subjects, a project that has lent strong support to the importance of genomic instability as a major mechanism of aging. These studies are carried out via our UW NIH-funded International Registry of Werner Syndrome (R01CA210916). A more recent project, carried out in collaboration with colleagues at Duke University, involves the study of polymorphic variants with the potential to influence healthspan/lifespan ratios within two large population-based studies of aging human subjects (R01AG063971). Pilot studies are also being carried out to test senolytic and anti-inflammatory drugs as potential therapeutic approaches to ameliorate accelerated and normative human aging.

The applicant is required to have experience in the use of standard techniques of molecular and cellular biology and cell culture. Computational skills in biostatistics and bioinformatics are highly desirable, as is a strong interest in mechanisms of aging and diseases of aging, particularly regarding how our research may impact, for example, dementias of the Alzheimer type and the early pathogenesis of neoplasia.

This is a full-time position with a 12 months service period and is initially available for two years, but may be extended. Please contact:

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