

REQUEST FOR PROPOSALS

OAIC Genetics Core Development Project Due Date: January 16, 2007

The Genetics Core of the National Institute on Aging-supported Older Americans Independence Center (OAIC) of the Johns Hopkins Medical Institutions is soliciting proposals from faculty members who seek support for research in genetics consistent with the mission to identify causes and develop interventions for the syndrome of frailty in older adults. The OAIC was established in 2002 to bring together interdisciplinary working groups from across the Johns Hopkins Medical Institutions in order to achieve this mission. Resources available are particularly targeted to support studies initiated by investigators who are junior or seek to establish a new focus in research on frailty and aging.

Proposals are encouraged to address molecular genetic issues related to frailty and related endophenotypes of sarcopenia, inflammation, oxidative stress, and multisystem decline. Particularly sought is research that addresses: (1) mitochondrial DNA deletions or variations that might influence frailty and endophenotypes of muscle strength, oxidative stress, or inflammatory mediators; (2) the development of epigenetic, genomic, or proteomic technologies that might provide new platforms for molecular etiologic studies of human frailty; (3) animal model development for use in molecular studies and for intervention development studies. Support requested may range up to \$75,000 for a one-year period.

Proposals should include hypotheses, specific aims and rationale; a statement of its relevance to the OAIC mission; requested resources; and time-line. Please also refer to the Submission Guidelines on the website (address below). Preliminary proposals should be **no more than five pages** and are **due by January 16, 2007**. Those deemed meritorious will be followed up by subsequent interviews. Final selection and notification of funding is targeted for March 1, 2007, and funding will begin July 1, 2007. The proposal should be submitted via email to OAIC Administrator, Mr. Brian Buta, at bbuta1@jhmi.edu. For background information on frailty, please refer to the posted bibliography on the website.

We welcome the opportunity to discuss the appropriateness of proposed scientific goals. Please contact any of the Core Directors listed below for further information.

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Website address: <http://www.jhsp.edu/agingandhealth/Pepper/RFPS/index.html>