

Information Requested

<https://rfi.grants.nih.gov/?s=641345ef4d9012f60601f332>

Topics that could be addressed include, but are not limited to, the following areas:

A:) Developing the Molecular Cancer Prevention and Cancer Interception Research Workforce – General Topics

Cooperative and program project/center grant mechanisms in cancer prevention and control are key for the development of careers in cancer prevention and interception. These awards provide pilot and mentorship funding to support the professional growth of junior faculty, trainees, fellows, and post-docs engaged in cancer-related work and want exposure to cancer prevention. They allow an institution to become recognized as a center of excellence in cancer prevention and facilitate cross cancer type and cancer discipline collaboration.

B:) Education and Training Needs for Early- and Mid-Career Molecular Cancer Prevention and Cancer Interception Scientists

Specific funding opportunities related to established cancer prevention institutes and mechanisms for lectures, seminars and specific education would translate cancer prevention into the broader cancer space. These educational conferences, sessions, seminars are incredibly valuable to early and midcareer scientists. Opportunities for networking and collaboration across cancer prevention disciplines require support. The National Institute on Aging (NIA) is incredibly good at this (i.e., Pepper Center awards) and could serve as a model for the NCI.

C:) Molecular Cancer Prevention and Cancer Interception Research Education and Training Needs for Physician-Scientists

Specific funding mechanisms for junior scientists establishing themselves beyond K awards are necessary as these provide little funding to perform research. The NIA GEMSSTAR award is a potential model. It provides support that targets junior faculty at the R level and provides funding and mentorship in aging research within the award. This is a very impactful mechanism for clinician-scientists and something similar could be considered at NCI's Division of Cancer Prevention.

D:) NCI-supported Cancer Prevention Research Training and Education Programs

NCI's Cancer Prevention Consortium addresses an area of great need by providing education and support for cancer prevention clinical trials. The resources at NCI for this are quite good and have supported the successful completion of studies. However, considering the significance of cancer prevention and demand for innovative solutions, it would be beneficial to increase investment in the Consortium. With increased funding, the Consortium would be able to expand its scope, enhance its infrastructure, and amplify its impact.