

Funding Opportunities

[New Approaches to Synthetic Lethality for Mutant KRas-Dependent Cancers \(U01\)](#)

(PAR-14-314)

SPONSOR: National Cancer Institute

Synopsis: The purpose of this Funding Opportunity Announcement (FOA) is to encourage applications for projects to identify targets whose inhibition would induce synthetic lethality in cancers dependent on the expression of mutant KRas alleles. Despite recent advances in understanding the structural and biological complexities of mutant Ras proteins, the development of appropriate and effective methods to inhibit mutant Ras-dependent cancers has been hindered by the inability to directly target mutant Ras and the complexity of Ras processing, effector, and regulatory networks. Through this FOA, the NCI seeks to stimulate research that uses advanced or improved approaches for synthetic lethality screens that have greater specificity, reproducibility, and activity in physiologically relevant model systems than those used previously in first generation screening approaches. This FOA serves to engage extramural investigators in the mission of the NCI Frederick National Laboratory for Cancer Research (FNLCR) RAS Program to find ways to target Ras-dependent cancers. Investigators supported by this FOA will form a network to interact closely with the FNLCR RAS Program, actively exchange results across the network, and participate in cross-validation of potential targets identified by other awardees.

[Cancer Intervention and Surveillance Modeling Network \(CISNET\) \(U01\)](#)

(RFA-CA-14-012)

SPONSOR: National Cancer Institute

Synopsis: This funding opportunity announcement (FOA) is a continuation of Cancer Intervention and Surveillance Modeling Network (CISNET) program. This FOA invites applications for collaborative research projects using simulation and other modeling techniques for specific cancer sites. The proposed research is expected to generate sophisticated, evidence-based decision tools that could inform international/national/regional/local utilization of existing and emerging technologies and strategies for the control of cancer.

[The Role of Health Policy and Health Insurance in Improving Access to and Performance of Cancer Prevention, Early Detection, and Treatment Services](#)

SPONSOR: American Cancer Society

Synopsis: Research to be funded by this RFA should focus on the changes in national, state, and/or local policy and the response to these changes by healthcare systems, insurers, payers, communities, practices, and patients. Findings from this research may also inform advocacy and policy development by the American Cancer Society Cancer Action Network (ASC CAN) in the context of meaningful health care reform by assessing outcomes related to the structure of the health system on availability, administrative simplicity, adequacy, and affordability of coverage, referred to as the 4 A's, which make up the Society and ACS CAN's framework for reform. This RFA will use the Research Scholar Grant mechanism.