



Current Funding Opportunities — May 2016

### **1) Gene Fusions in Pediatric Sarcomas (R01)**

**[\(PA-16-251\)](#)**

**SPONSOR: National Cancer Institute**

**Synopsis:** The overall goal of this Funding Opportunity Announcement (FOA) is to encourage the submission of research grant applications to investigate the molecular mechanisms by which oncogenic fusion genes and their gene products contribute to pediatric sarcoma initiation, progression and metastasis. Better understanding of the molecular pathways activated by chromosomal translocations in pediatric sarcomas, and their relationship to oncogenesis and tumor progression, can elucidate mechanisms of cancer pathogenesis and potentially lead to novel therapeutics.

Application Receipt/Submission Date(s): Standard dates apply, by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this FOA are due on these dates.

### **2) Neural Regulation of Cancer (R01)**

**[\(PAR-16-245\)](#)**

**SPONSOR: National Cancer Institute**

**Synopsis:** This Funding Opportunity Announcement (FOA) encourages collaborative, transdisciplinary research with both neuroscience and cancer elements, which together will advance current understanding of the nervous system contribution to cancer. Leaving the knowledge, tools, experimental models and reagents in neuroscience research to uncover novel mechanisms used by the nervous system to promote tumor initiation, progression and metastasis can ultimately inform key areas of cancer research including the prevention and treatment of non-central nervous system tumors.

Application Receipt/Submission Date(s): October 26, 2016; February 22, 2017; June 27, 2017; October 26, 2017; February 22, 2018; June 27, 2018; October 27, 2018; February 22, 2019; June 27, 2019, by 5:00 PM local time of applicant organization.

**3) Cancer-related Behavioral Research through Integrating Existing Data (R01)**  
**[\(PAR-16-256\)](#)**

**SPONSOR: National Cancer Institute**

**Synopsis:** This Funding Opportunity Announcement (FOA) invites applications that seek to integrate two or more independent data sets to answer novel cancer control and prevention questions. The goal is to encourage applications that incorporate Integrative Data Analysis (IDA) methods to study behavioral risk factors for cancer, including tobacco use, sedentary behavior, poor weight management, and lack of medical adherence to screening and vaccine uptake. It is important that the data being integrate are from different sources and types (including both quantitative and qualitative; data may span different levels such as genetic and environmental) and should include at least one source of behavioral data.

Application Receipt/Submission Date(s): February 7, 2017; June 7, 2017; February 7, 2018; June 7 2018;February 7, 2019; June 7, 2019, by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on these dates.

**4) Predicting Behavioral Responses to Population-Level Cancer Control Strategies (R21)**  
**[\(PAR-16-257\)](#)**

**SPONSOR: National Cancer Institute**

**Synopsis:** The goal of this Funding Opportunity Announcement (FOA) is to facilitate research to identify individual influences on the effectiveness of population-level strategies that target cancer-related behaviors. We seek to encourage collaborations among scientists with expertise in health policy research and implementation, as well as investigators in scientific disciplines that have not traditionally conducted cancer or policy research, such as: psychological science (e.g. social, developmental); affective and cognitive neuroscience; judgment and decision-making; consumer behavior and marketing; organizational behavior; sociology, cultural anthropology; behavioral economics; linguistics; and political science.

Application Receipt/Submission Date(s): October 7, 2016; April 11, 2017; October 10, 2017; April 11, 2018;October 10, 2018; April 11, 2019, by 5:00 PM local time of applicant organization. All types of applications allowed for this funding opportunity announcement are due on these dates.