NIH NOTICES

Reminder: Expiration of FY2014 Grant Funds (NOT-OD-111)
National Institutes of Health

NIH Expanding Usage of Notices of Special Interest (NOT-OD-19-107)
National Institutes of Health

Notice of Clarification to RFA-CA-19-032, "Provocative Questions (PQs) in Cancer with an Underlying HIV Infection (R01 Clinical Trial Optional)" (NOT-CA-19-053)
National Cancer Institute

Notice to Extend PAR-17-059 National Cancer Institute Youth Enjoy Science Research Education Program (R25) (NOT-CA-19-057)
National Cancer Institute

JULY DEADLINES

Foundation and Other Sources

American Association for Cancer Research (Stand up To Cancer)
SU2C Gastric Cancer Interception Research Team Grant
Letter of Intent Deadline: 7/30/2019
Full Application Deadline: 8/30/2019
https://www.aacr.org/Funding/Pages/Funding-Detail.aspx?ItemID=92
About: The goal of this Call for Applications is to fund research with the potential for contributing to significant improvements in gastric cancer patient outcomes. Accordingly, applications are encouraged from multi-disciplinary teams with members from any scientific discipline. That could include, but is not restricted to, gastric cancer, cancer early detection, treatment development, and other scientific areas.
Period of Support: 3 years
Funds/Direct Costs: Research teams may apply for a total support of up to $3 million over a three year term
Program Contact: AACR’s SRGA
(215) 309-4352
su2c@aacr.org

St. Baldrick’s Foundation
Martha’s Better Ewing Sarcoma Treatment (BEST) Grant for All
Letter of Intent Deadline: 7/12/2019
Full Application Deadline: 8/30/2019
https://www.stbaldricks.org/file/Grant%20Guidelines/Ewing_RFA.pdf
About: This Request For Applications (RFA) seeks to support research to find cures for Ewing sarcoma. Proposals should explore novel concepts with the potential for high impact and quick movement to improvements in outcomes for patients. Applications that are innovative, risktaking, and use novel tools and methods will be prioritized. Applications may be from individuals or teams, with collaboration highly valued. This grant is administered by the St. Baldrick’s Foundation, through the generosity of an anonymous donor, in honor of a teenager battling Ewing sarcoma.
Period of Support: 3 years
Funds/Direct Costs: $325,000 total costs per year
Program Contact: St. Baldrick’s Foundation
(626) 792-8247
grants@stbaldricks.org

THRIVE
HESI THRIVE Grant Program
Deadline: 7/1/2019
http://hesithrive.org/guidelines/
About: The THRIVE grant program is designed to provide seed funding to investigators for the testing of initial hypotheses and collecting of preliminary data to help secure long-term funding by the National Institutes of Health and/or other major granting institutions.
Period of Support: Up to 2 years
Funds/Direct Costs: Range of $20,000-$50,000
Program Contact: THRIVE
research@hesithrive.org
Program Announcements (PA)

National Cancer Institute
Assay Validation of High Quality Markers for Clinical Studies in Cancer (UH2/UH3 Clinical Trial Not Allowed)
Deadline: 07/10/2019
About: The purpose of this Funding Opportunity Announcement (FOA) is to support the validation of molecular/cellular/imaging markers and assays for cancer detection, diagnosis, prognosis, monitoring, and prediction of response or resistance to treatment, as well as markers for cancer prevention and control.
Period of Support: Up to 3 years
Funds/Direct Costs: Applicants may request up to $275,000 direct costs for the entire UH2 phase with no more than $200,000 requested in any one year and up to $250,000 direct costs for the UH3 phase per year.
Program Contact: Tracy G. Lively
(240) 276-5944
livelyt@mail.nih.gov

National Cancer Institute
Basic and Translational Research on Adducts in Cancer Risk Identification and Prevention (R01 Clinical Trial Optional)
Deadline: 07/02/2019
About: The overall objective of this Funding Opportunity Announcement (FOA) is to support innovative research on adducts to cellular macromolecules as indicators of exposures to endogenous and exogenous cancer risk factors relevant to exposures in human populations. The priority is on projects that will focus on adductomic approaches, i.e., address some aspects of the totality of adducts. The ultimate goal is to discover and characterize the utility of adductomic-based exposure indicators for cancer detection, cancer prevention, and/or assessing cancer risks.
Period of Support: Up to 5 years
Funds/Direct Costs: Application budgets are not limited but need to reflect the actual needs of the proposed project.
Program Contact: Wendy Wang
(240) 276-7117
wangw@mail.nih.gov

National Cancer Institute
The NCI Transition Career Development Award (K22 Clinical Trial Required)
Deadline: 07/12/2019
About: This Funding Opportunity Announcement (FOA) supports an NCI program that facilitates the transition of investigators in mentored, non-independent cancer research positions to independent faculty cancer research positions.
Period of Support: Up to 3 years
Funds/Direct Costs: Application budgets are composed of salary and other program-related expenses as described in announcement.
Program Contact: Sonia Jakowlew
(240) 276-5630
jakowles@mail.nih.gov

National Cancer Institute
Integrating Biospecimen Science Approaches into Clinical Assay Development (U01)
Deadline: 07/11/2019
About: This Funding Opportunity Announcement (FOA) will support extramural research to investigate and mitigate challenges facing clinical assay development and subsequent analytical validation due to preanalytical variability in tumor tissue biopsies and blood biospecimens utilized as “liquid biopsies.”
Period of Support: Up to 5 years
Funds/Direct Costs: Application budgets limited to $250,000 direct costs per year
Program Contact: Abhi Rao
(240) 276-5715
abhi.rao@nih.gov

National Cancer Institute
Research Projects in Cancer Systems Biology (U01 Clinical Trial Optional)
Deadline: 07/15/2019
About: The National Cancer Institute’s (NCI) Cancer Systems Biology Consortium (CSBC) supports systems biology approaches to cancer research and includes U54 CSBC Research Centers, a U24 CSBC Coordinating Center and, through this FOA, well-defined, discrete and circumscribed U01 Research Projects. CSBC Research Projects are expected to involve interdisciplinary teams of scientists, engineers, and cancer researchers who collaborate to advance our understanding of the mechanisms underlying cancer initiation, progression, and treatment. CSBC Research Projects proposed in response to this Funding Opportunity Announcement must be based upon explicit integration of experimental biology and computational modeling to test and validate novel hypotheses in cancer research.
Period of Support: Up to 5 years
Funds/Direct Costs: Application budgets are limited to $400,000 in direct costs per year.
National Cancer Institute
Imaging, Biomarkers and Digital Pathomics for the Early Detection of Premetastatic Aggressive Cancer (R01 Clinical Trial Optional)
Deadline: 07/10/2019
About: This Funding Opportunity Announcement (FOA) will support the development of state-of-the-art projects that include imaging, biomarkers, digital pathomic and other -omic integration strategies for improving current approaches for the earliest detection of premetastatic aggressive cancer as well as identifying precancerous lesions that will subsequently demonstrate an aggressive phenotype. This FOA specifically attempts to address and improve diagnostic uncertainty in clinical decisions in a technology agnostic manner by improving sensitivity and specificity of applied tests.
Period of Support: Up to 5 years
Funds/Direct Costs: Application budgets are not limited but need to reflect the actual needs of the proposed project.
Program Contact: Sudhir Srivastava
(240) 276-7028
srivasts@mail.nih.gov

National Cancer Institute
Provocative Questions (PQs) in Multiple Myeloma Disparities Research (R01 Clinical Trial Optional)
Deadline: 07/15/2019
About: The purpose of this Funding Opportunity Announcement (FOA) is to support new research projects designed to use sound and innovative strategies to solve specific problems and paradoxes in multiple myeloma disparities research identified by the National Cancer Institute (NCI) as the NCI’s Multiple Myeloma and Disparities Provocative Questions (MMD PQs).
Period of Support: Up to 5 years
Funds/Direct Costs: Application budgets are not limited but need to reflect the actual needs of the proposed project.
Program Contact: Amy Kennedy
(240) 781-3335
amy.kennedy@nih.gov

National Cancer Institute
The NCI Transition Career Development Award (K22 Clinical Trial Not Allowed)
Deadline: 07/12/2019
About: This Funding Opportunity Announcement (FOA) supports an NCI program that facilitates the transition of investigators in mentored, non-independent cancer research positions to independent faculty cancer research positions.
Period of Support: Up to 3 years
Funds/Direct Costs: Application budgets are composed of salary and other program-related expenses as described in announcement.
Program Contact: Sonia Jakowlew
(240) 276-5630
jakowles@mail.nih.gov

Request for Applications (RFA)
Multiple Institutes, including the National Cancer Institute
Discovery and Validation of Novel Targets for Safe and Effective Pain Treatment (R21 Clinical Trial Not Allowed)
Deadline: 07/11/2019
About: This R21 NIH Exploratory/Developmental Grant supports exploratory and developmental research projects by providing support for the early and conceptual stages of pain target discovery and validation projects. These studies may involve considerable risk but may lead to a breakthrough in a pain treatment.
Period of Support: Up to 2 years
Funds/Direct Costs: The combined budget for direct costs for the two-year project period may not exceed $275,000.
Program Contact: Ann O’Mara
(240) 276-7050
omaraa@mail.nih.gov

Multiple Institutes, including the National Cancer Institute
Tobacco Regulatory Science (R01 Clinical Trial Optional)
Deadline: 07/19/2019
About: The purpose of this Funding Opportunity Announcement (FOA) is to invite R01 applications to support biomedical and behavioral research that will provide scientific data to inform regulation of tobacco products to protect public health. Research Projects must address the research priorities related to the regulatory authority of the Food and Drug Administration (FDA) Center for Tobacco Products (CTP).
Period of Support: Up to 3 years
Funds/Direct Costs: Application budgets are limited to $300,000 in direct cost per year.
Program Contact: Rachel Grana Mayne  
(240) 276-5899  
granar@nih.gov

AUGUST/SEPTEMBER DEADLINES

Foundation and Other Sources

Concern Foundation  
Conquer Cancer Now Award  
Letter of Intent Deadline: 9/05/2019  
Full Application Deadline: 12/05/2019  
https://www.concernfoundation.org/apply-for-grant.html  
About: The Conquer Cancer Now Award is a $60,000 grant given to young and innovative cancer researchers focused on cancer genetics, cancer biology and cancer immunology. Priority is given to proposals from independent investigators who have yet to obtain significant funding for their work.  
Period of Support: 2 years  
Funds/Direct Costs: $60,000 total costs per year  
Program Contact: Seunga Yu  
(310) 360-6100  
info@concernfoundation.org

Oncology Nursing Society Foundation  
Research Grant Awards  
Deadline: 9/15/2019  
http://www.onsfoundation.org/funding-for-nurses/research/research-grant  
About: These grants support oncology nursing research. Research projects may include pilot or feasibility studies or the development of a new aspect of a program of research. Funding preference is given to research that addresses the ONS Research Priorities and/or the ONS Research Agenda.  
Period of Support: 2 years  
Funds/Direct Costs: $25,000 total costs for 2 years  
Program Contact: ONS Foundation Research  
(866) 257-4667  
info@onfgivesback.org

Elsa U. Pardee Foundation  
Cancer Research Grants  
Deadline: 08/31/2019  
https://pardeefoundation.org/how-to-apply/  
About: The Elsa U. Pardee Foundation funds research to investigators in United States non-profit institutions proposing research directed toward identifying new treatments or cures for cancer. The Foundation particularly encourages grant applications for a one year period which will allow establishment of capabilities of new cancer researchers, or new cancer approaches by established cancer researchers. It is anticipated that this early stage funding by the Foundation may lead to subsequent and expanded support using government agency funding. Project relevance to cancer detection, treatment, or cure should be clearly identified.  
Period of Support: 1 year  
Funds/Direct Costs: Application budgets are not limited but need to reflect the actual needs of the proposed project.  
Program Contact: Elsa U. Pardee Foundation  
(989) 832-3691

Hirshberg Foundation for Pancreatic Cancer Research  
Seed Grant Program  
Deadline: 8/15/2019  
http://pancreatic.org/research/seed-grant-program/  
About: The Hirshberg Foundation for Pancreatic Cancer Research Seed Grant Award Program has the following goals: 1) to provide start-up funding for basic scientists and clinicians who intend to test innovative ideas for improving diagnosis and to develop new treatment modalities for pancreatic cancer. 2) to obtain preliminary data required for additional funding from other agencies for pancreatic cancer research. 3) to impact on the understanding of pancreatic cancer cell biology, biochemistry, physiology, morphology and response to therapy. 4) to establish collaborations within the field for mutual projects that can be considered for further funding  
Period of Support: 1 year. Programs can be extended for one more year upon a competitive renewal.  
Funds/Direct Costs: $40,000 direct costs per year  
Program Contact: Hirshberg Foundation  
(310) 473-5121  
info@pancreatic.org

American Gastroenterological Association  
Funderburg Research Award in Gastric Cancer  
Deadline: 8/7/2019  
About: The objective of this AGA Research Foundation award is to support an established investigator in the field of gastric biology whose research will enhance the fundamental understanding of gastric cancer pathobiology to ultimately prevent or develop a cure for the disease. Applications that do not have a gastric biology focus and are not responsive to this announcement will not be submitted for review.  
Period of Support: 2 years  
Funds/Direct Costs: $50,000 direct costs per year  
Program Contact: AGA Awards Program  
(301) 222-4012
Hope Funds for Cancer Research
Postdoctoral Fellowship Award
Deadline: 9/18/2019
http://www.hope-funds.org/grants/eligibility-and-application/
About: Hope Funds for Cancer Research is offering fellowships to postdoctoral scientists who propose to work on highly innovative research projects that challenge the traditional paradigms of understanding the causes, mechanisms, progression, disease markers or risk factors of the most difficult-to-treat cancers, including pancreatic, lung, liver, sarcomas, esophageal, brain, gastric, bone and ovarian cancers; and rare leukemias, lymphomas and MDS. The Trustees of the Hope Funds believe that funding research that could lead to breakthroughs in these areas and increase life expectancy in these types of cancers is at the core of its mission.
Period of Support: 3 years
Funds/Direct Costs: $50,000 (Year 1), $52,000 (Year 2), $54,000 (Year 3) direct costs per year
Program Contact: Hope Funds for Cancer Research (401) 847-3286
grants@hope-funds.org

Intramural Funding Opportunities
Massey Cancer Center
Tina L. Bachas Oncology Nursing Clinical Practice Project Award
Deadline: 8/1/2019
https://massey.vcu.edu/research/funding/tina-l-bachas-nursing-award/
About: Massey Cancer Center is pleased to announce the annual Tina L. Bachas Oncology Nursing Research Awards to advance oncology-nursing research. Tina served as Massey’s first director of oncology nursing and she and her husband have committed their support in honor of Dr. Walter Lawrence, Jr. who Tina worked with throughout her tenure at Massey. The intent of this award is to support nurses in oncology related endeavors, including both full scale nursing led research and evidence based research projects in Massey Cancer Center.
Period of Support: 1 year
Funds/Direct Costs: Up to $20,000 for a period of one year
Program Contact: Olivia Patterson (804) 628-3400
opatterson@vcu.edu

Program Announcements (PA)
Multiple Institutes, including the National Cancer Institute
Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grant (Parent T32)
Deadline: 09/25/2019
About: The National Institutes of Health (NIH) will award Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grants (T32) to eligible, domestic institutions to enhance predoctoral and postdoctoral research training, including short-term research training, and help ensure that a diverse and highly trained workforce is available to meet the needs of the Nation’s biomedical, behavioral, and clinical research agenda.
Period of Support: Up to 5 years
Funds/Direct Costs: Application budgets are not limited but need to reflect the actual needs of the proposed project.
Program Contact: Susan E. Lim (240) 276-5472
lims@mail.nih.gov

National Cancer Institute
Administrative Supplements to Support Cancer Disparity Collaborative Research
Deadline: 09/10/2019
About: The purpose of this trans-NCI Funding Opportunity Announcement (FOA) is to promote new cancer disparities
research among investigators who do not normally conduct it and to encourage the partnership of experienced cancer research investigators with cancer disparities-focused researchers.

Period of Support: Up to 2 years  
Funds/Direct Costs: $150,000 direct costs per year  
Program Contact: Liz Perruccio  
(240) 276-6178  
liz.perruccio@nih.gov

Multiple Institutes, including the National Cancer Institute  
Ruth L. Kirschstein National Research Service Award (NRSA) Individual Postdoctoral Fellowship (Parent F32)  
Deadline: 08/08/2019  

About: The purpose of the Ruth L. Kirschstein National Research Service Award (NRSA) Individual Postdoctoral Fellowship (Parent F32) is to support research training of highly promising postdoctoral candidates who have the potential to become productive, independent investigators in scientific health-related research fields relevant to the missions of the participating NIH Institutes and Centers. Applications are expected to incorporate exceptional mentorship.

Period of Support: Up to 5 years  
Funds/Direct Costs: See announcement for details.  
Program Contact: Nicole Jones  
(240) 276-7156  
jonesni@mail.nih.gov

Multiple Institutes, including the National Cancer Institute  
Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship (Parent F31)  
Deadline: 08/08/2019  

About: The purpose of this Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship to Promote Diversity in Health-Related Research (Parent F31) is to enhance the diversity of the health-related research workforce by supporting the research training of predoctoral students from diverse backgrounds including those from groups that are underrepresented in the biomedical, behavioral, or clinical research workforce.

Period of Support: Up to 5 years  
Funds/Direct Costs: See announcement for details.  
Program Contact: Nicole Jones  
(240) 276-7156  
jonesni@mail.nih.gov

Multiple Institutes, including the National Cancer Institute  
Quantitative Imaging Tools and Methods for Cancer Response Assessment (U01)  
Deadline: 09/12/2019  

About: The purpose of this Funding Opportunity Announcement (FOA) is to provide a mechanism of support to research organizations interested in clinically translating already optimized quantitative imaging software tools capable of measuring or predicting the response of cancer to clinical therapies, or in translating imaging tools for planning and validating radiation therapy treatment strategies in clinical trials.

Period of Support: Up to 5 years  
Funds/Direct Costs: Application budgets are limited to $500,000 in direct costs per year  
Program Contact: Robert J. Nordstrom  
(240) 276-5934  
nordstrr@mail.nih.gov

National Cancer Institute  
Inter-organelle Communication in Cancer (R21)  
Deadline: 08/14/2019  
https://grants.nih.gov/grants/guide/pa-files/PAR-17-204.html

About: The purpose of this Funding Opportunity Announcement (FOA) is to support research projects that examine how inter-organelle communication in cancer cells and/or tumor-associated cells affects cellular function,
adaptation, and phenotypic plasticity.

**Period of Support:** Up to 2 years  
**Funds/Direct Costs:** Direct costs are limited to $275,000  
**Program Contact:** Michael Graham Espey  
(240) 276-7619  
SP@nih.gov

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**National Cancer Institute**  
**National Cancer Institute Program Project Applications (P01 Clinical Trial Optional)**  
**Deadline:** 09/25/2019  

**About:** With this Funding Opportunity Announcement (FOA), the National Cancer Institute (NCI) invites applications for investigator-initiated Program Project (P01) applications. The proposed Program may address any of the broad areas of cancer research, including (but not limited to) cancer biology, cancer prevention, cancer diagnosis, cancer treatment, and cancer control.  
**Period of Support:** Up to 5 years  
**Funds/Direct Costs:** Application budgets are not limited but need to reflect the actual needs of the proposed project.  
**Program Contact:** Referral Officer  
(240) 276-6390  
ncirefof@dea.nci.nih.gov

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**National Cancer Institute**  
**Cancer Research Education Grants Program - Curriculum or Methods Development (R25)**  
**Deadline:** 09/25/2019  

**About:** The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this NCI R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs. This FOA will support creative educational activities with a primary focus on Curriculum or Methods Development.  
**Period of Support:** Up to 5 years  
**Funds/Direct Costs:** $150,000 direct costs per year  
**Program Contact:** Jeannette Korczak  
(240) 276-5630  
korczakj@mail.nih.gov

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**National Cancer Institute**  
**Cancer Research Education Grants Program - Research Experiences (R25)**  
**Deadline:** 09/25/2019  

**About:** The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this NCI R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs. This FOA will support creative educational activities with a primary focus on Research Experiences.  
**Period of Support:** Up to 5 years  
**Funds/Direct Costs:** $300,000 direct costs per year  
**Program Contact:** Jeannette Korczak  
(240) 276-5630  
korczakj@mail.nih.gov

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**Multiple Institutes, including the National Cancer Institute**  
**Perception and Cognition Research to Inform Cancer Image Interpretation (R01)**  
**Deadline:** 09/26/2019  

**About:** The purpose of this Funding Opportunity Announcement (FOA) is to facilitate research on the perceptual and cognitive processes underlying the performance of cancer image observers in radiology and pathology, in order to improve the accuracy of cancer detection and diagnosis.  
**Period of Support:** Up to 5 years  
**Funds/Direct Costs:** Application budgets are not limited but need to reflect the actual needs of the proposed project.  
**Program Contact:** Todd Horowitz  
(240) 276-6963  
todd.horowitz@nih.gov

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National Cancer Institute
Perception and Cognition Research to Inform Cancer Image Interpretation (R21)

**Deadline:** 09/26/2019

**About:** The purpose of this Funding Opportunity Announcement (FOA) is to facilitate research on the perceptual and cognitive processes underlying the performance of cancer image observers in radiology and pathology, in order to improve the accuracy of cancer detection and diagnosis.

**Period of Support:** Up to 2 years

**Funds/Direct Costs:** $275,000 direct costs for entire period of support

**Program Contact:** Todd Horowitz  
(240) 276-6963  
todd.horowitz@nih.gov

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National Cancer Institute
Utilizing the PLCO Biospecimens Resource to Bridge Gaps in Cancer Etiology and Early Detection Research (U01 Clinical Trial Not Allowed)

**Deadline:** 08/14/2019

**About:** This Funding Opportunity Announcement (FOA) encourages the submission of applications that propose to advance research in cancer etiology and early detection biomarkers, utilizing the advantages of the unique biorepository resources of the NCI-sponsored Prostate, Lung, Colorectal, and Ovarian Cancer (PLCO) Screening Trial. The PLCO Biorepository offers high-quality, prospectively collected, serial pre-diagnostic blood samples from the PLCO screened arm participants, and a one-time collection of buccal cells from the control arm participants. Available data associated with the biospecimens includes demographic, diet, lifestyle, smoking, screening results, and clinical data.

**Period of Support:** Up to 5 years

**Funds/Direct Costs:** Application budgets are not limited but need to reflect the actual needs of the proposed project.

**Program Contact:** Claire Zhu  
(240) 276-7013  
zhucla@mail.nih.gov

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National Cancer Institute
Innovative Molecular and Cellular Analysis Technologies for Basic and Clinical Cancer Research (R21)

**Deadline:** 9/27/2019

**About:** This Funding Opportunity Announcement (FOA) solicits grant applications proposing exploratory research projects focused on the early-stage development of highly innovative technologies offering novel molecular or cellular analysis capabilities for basic or clinical cancer research. The emphasis of this FOA is on supporting the development of novel capabilities involving a high degree of technical innovation for targeting, probing, or assessing molecular and cellular features of cancer biology.

**Period of Support:** Up to 3 years

**Funds/Direct Costs:** Direct costs are limited to $400,000 over a 3-year period, with no more than $200,000 in direct costs allowed in any single year.

**Program Contact:** Tony Dickherber  
(301) 547-9980  
dickherberaj@mail.nih.gov

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National Cancer Institute
Innovative Biospecimen Science Technologies for Basic and Clinical Cancer Research (R21)

**Deadline:** 9/27/2019

**About:** This Funding Opportunity Announcement (FOA) solicits grant applications proposing exploratory research projects focused on the early-stage development of highly innovative technologies that improve the quality of the samples used for cancer research or clinical care. This includes new capabilities to address issues related to pre-analytical degradation of targeted analytes during the collection, processing, handling, and/or storage of cancer-relevant biospecimens.

**Period of Support:** Up to 3 years
**Funds/Direct Costs:** Direct costs are limited to $400,000 over a 3-year period, with no more than $200,000 in direct costs allowed in any single year.

**Program Contact:** Tony Dickherber  
(301) 547-9980  
dickherberaj@mail.nih.gov

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**National Cancer Institute**  
**Advanced Development and Validation of Emerging Biospecimen Science Technologies for Basic and Clinical Cancer Research (R33)**  
**Deadline:** 9/27/2019  

**About:** This Funding Opportunity Announcement (FOA) solicits grant applications proposing exploratory research projects focused on further development and validation of emerging technologies that improve the quality of the samples used for cancer research or clinical care. This includes new capabilities to address issues related to pre-analytical degradation of targeted analytes during the collection, processing, handling, and/or storage of cancer-relevant biospecimens.

**Period of Support:** Up to 3 years  
**Funds/Direct Costs:** Direct costs are limited to $300,000 per year.

**Program Contact:** Tony Dickherber  
(301) 547-9980  
dickherberaj@mail.nih.gov

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**National Cancer Institute**  
**Provocative Questions (PQs) in Cancer with an Underlying HIV Infection (R01 Clinical Trial Optional)**  
**Deadline:** 08/01/2019  

**About:** The purpose of this funding opportunity announcement (FOA) is to continue advancing our understanding of the risks, development, progression, diagnosis, and treatment of malignancies observed in individuals with an underlying HIV infection or Acquired Immune Deficiency Syndrome (AIDS).

**Period of Support:** Up to 5 years  
**Funds/Direct Costs:** Application budgets are not limited but need to reflect the actual needs of the proposed R01 project.

**Program Contact:** Elizabeth L. Read-Connole  
(240) 276-6190  
bconnole@mail.nih.gov

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**National Cancer Institute**  
**Novel Technology Tools to Facilitate Research Using Next Generation Patient-derived Cancer Models (U01 Clinical Trial Not Allowed)**  
**Deadline:** 8/30/2019  

**About:** Through this Funding Opportunity Announcement (FOA), the National Cancer Institute (NCI) will support the development of technology tools that will facilitate, accelerate, and/or enhance research using advanced human-derived next generation cancer models (NGCMs), such as organoids, conditionally reprogrammed cells, and others. The studies proposed under this FOA must focus entirely on the next generation cancer models developed under the auspices of an international consortium with NCI participation, Human Cancer Models Initiative.

**Period of Support:** Up to 3 years  
**Funds/Direct Costs:** Up to $700,000 direct costs per year.

**Program Contact:** Daniela S. Gerhard  
(240) 781-3280  
gerhardd@mail.nih.gov