

# Funding Opportunities at NCI

## Division of Cancer Treatment and Diagnosis (DCTD)

Leah Hubbard, PhD, Translational Research Program, DCTD  
Connie Sommers, PhD, Developmental Therapeutics Program, DCTD

# DCTD Programs with Funding Opportunities

**Mission:** support the development of novel diagnostic and therapeutic approaches for cancer

Cancer Diagnosis Program

Cancer Imaging Program

Cancer Therapy Evaluation Program

Developmental Therapeutics Program

Radiation Research Program

Translational Research Program

Office of Cancer Complementary and Alternative  
Medicine

# Cancer Diagnosis Program (CDP)

## About CDP

- Funds development of innovative in vitro diagnostics, novel diagnostic technologies, and appropriate human specimens
- Supports characterization of cancers, improved medical decision making, and evaluation of response to treatment.

## NOFOs of Interest

- NCI Clinical and Translational Exploratory/Developmental Studies (R21 Clinical Trial Optional): [PAR-22-216](#)
- Exploratory/Developmental Bioengineering Research Grants(R21): [PAR-22-090](#) and [PAR-22-091](#)
- Other NOFOs: [https://cdp.cancer.gov/funding\\_opportunities/](https://cdp.cancer.gov/funding_opportunities/)

# Cancer Imaging Program (CIP)

## About CIP

- Supports development of molecular imaging and delivery of image-dependent interventions for cancer care.
- Supports emerging technologies, including nanotechnology, proteomics, and high-throughput screening technologies.

## NOFOs of Interest

- Molecular Imaging of Inflammation in Cancer (R01): [PAR-21-294](#)
- Microbial-based Cancer Imaging and Therapy - Bugs as Drugs (R01): [PAR-22-085](#)
- Other NOFOs: [https://imaging.cancer.gov/research\\_funding/default.htm](https://imaging.cancer.gov/research_funding/default.htm)

# Cancer Therapy Evaluation Program (CTEP)

## About CTEP

- **Goal:** Find better ways to treat, control, & cure cancer. Includes anticancer drugs, biologics, immunotherapies, surgical interventions, and combination treatments for all cancer types.
- **Funds, manages, and sponsors clinical trials via:**
  - Clinical Grants and Contracts Branch (Phase 0-2)
  - National Clinical Trials Network (Phase 3)
  - Experimental Therapeutics Clinical Trials Network (Phase 1-2)
  - Pediatric Early Phase Clinical Trials Network (Phase 1-2)

## NOFOs of Interest

- Investigator-Initiated Early Phase Trials for Cancer Treatment(s): PAR-21-033 (R01) & PAR-22-216 (R21)
- Program Project Applications: PAR-23-059 (P01)
- Collaborative Research with the NIH Clinical Center: PAR-21-343 (U01)
- Lasker Clinical Research Scholars Program: PAR-23-156 (Si2/R00)
- **Investigator Resources:** NExT program, NCI Formulary (*agents*) NCTN Navigator (*patients' specimens*), Patient-Derived Models Repository (*xenografts, cultures, organoids, fibroblasts*).

# Developmental Therapeutics Program (DTP)

## About DTP

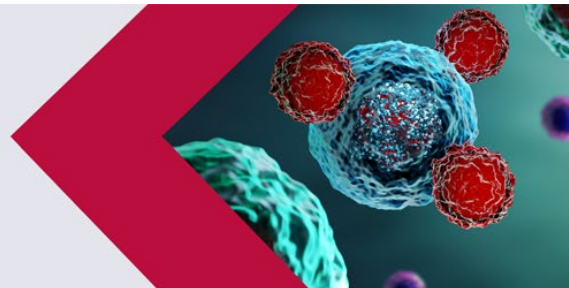
- Provides grants, services, and resources to the extramural community to facilitate the discovery and development of new cancer therapeutic agents
  - NCI-60 Human Tumor Cell Line Screens
  - Stepping Stones Program & Consultation
  - Repositories (tumor tissues, PDX models, natural product libraries and biologicals)

**ACCESS  
RESOURCES**



To Help Advance a Therapeutic  
Candidate to the Clinic

DEVELOPMENTAL THERAPEUTICS PROGRAM



## NOFOs of Interest

- **PA-20-185**: Parent R01
- **RFA-CA-23-037**: Next Generation Chemistry Centers for Fusion Oncoproteins
- **NOT-CA-21-101**: Advancing tumor site-activated small molecules
- **PAR-22-216**: NCI Clinical and Translational Studies
- **Other NOFOs**: [DTP.cancer.gov/grants](https://dtp.cancer.gov/grants)

Access resources at [DTP.cancer.gov](https://dtp.cancer.gov)

# Radiation Research Program (RRP)

## About RRP

- Funds novel radiotherapy research
- Includes clinical trials, combined modality radiotherapies, experimental therapeutics, radiation treatment planning, radiobiology physics and technology
- 20-year updated novel Cancer Disparities Research Partnership

## NOFOs of Interest

- PAR-22-198/199: Precision approaches in radiation synthetic combinations (PAIRS, R01, R21)
- PAR-22-139/140: Systematic testing of radionuclides in preclinical experiments (STRIPE, R01, R21)
- Other NOFOs:  
[https://rrp.cancer.gov/researchFunding/funding\\_initiatives.htm](https://rrp.cancer.gov/researchFunding/funding_initiatives.htm)

# Translational Research Program (TRP): SPOREs

## About TRP

- Funds multi-project **P50 SPORE grants** in translational cancer research
- SPOREs contribute to improved prevention, early detection, diagnosis, and treatment of an organ-specific cancer or a highly related group of cancers
- SPORE projects must include a human endpoint and at least one NIH-defined clinical trial

## SPORE NOFO

- **PAR-20-305:**  
<https://grants.nih.gov/grants/guide/pa-files/PAR-20-305.html>
- **TRP Website:** <http://trp.cancer.gov/>



# Office of Cancer Complementary & Alternative Medicine

## About OCCAM

- **Research Support:**
  - Mission - improve the quality of cancer research on complementary and alternative modalities.
  - Grant Portfolio— preclinical and clinical, cancer treatment research (diet/nutrition, natural products, microbiome, engineered-bacteria, etc.)
- **Information Support:**
  - Mission – improve the availability of high-quality information about CAM therapies and research for the health care community, researchers, and general public.
  - Conferences, webinars, courses, surveys and publications

## NOFOs of Interest

- PAR-21-033: National Cancer Institute's Investigator-Initiated Early Phase Clinical Trials for Cancer Treatment and Diagnosis (R01)
- PAR-22-085: Microbial-based Cancer Imaging and Therapy – Bugs as Drugs (R01)
- Other NOFOs:  
[https://cam.cancer.gov/research/funding\\_opportunities.htm](https://cam.cancer.gov/research/funding_opportunities.htm)

# Additional DCTD Funding Opportunities

<https://dctd.cancer.gov/FundingPartnerships/PAsRFAs.htm>

The screenshot displays the National Cancer Institute (NIH) DCTD website. At the top, the NIH logo and "NATIONAL CANCER INSTITUTE" are on the left, and "DCTD Division of Cancer Treatment & Diagnosis" is in the center. On the right, there are links for "Home | Sitemap | Contact DCTD" and a search bar labeled "Search this site". Below the header is a navigation menu with "Home", "Funding Opportunities", "Research", "Research Resources", "News & Events", "Careers", and "About".

The main content area is titled "Funding Opportunities" and includes a sub-header "Apply for Grants". Below this, there is a paragraph explaining that the division funds a large portfolio of grants and contracts, and a list of "Important DCTD Grantsmanship Resources" including "Awaiting Receipt of Applications (ARAs) for Large Budget Grant Applications" and "Program Project (P01) Grant Development Guidance for Investigators Interested in DCTD Research Areas".

On the left side of the page, there is a sidebar with "Funding Announcements" (Grantsmanship Resources, Research Grants) and "DCTD Programs" (Biometric Research Program, Cancer Diagnosis Program, Cancer Imaging Program, Cancer Therapy Evaluation Program, Developmental Therapeutics Program, Radiation Research Program, Translational Research Program, Office of Cancer Clinical Proteomics Research, Office of Cancer Complementary and Alternative Medicine). A "FOLLOW DCTD" button with a Twitter icon is also present.

On the right side, there are sections for "DCTD Grantsmanship Resources" (Awaiting Receipt of Applications (ARAs) for Large Budget Grant, Program Project (P01) Grant Development Guidance for Investigators Interested in DCTD Research Areas), "NCI Grantsmanship Resources" (NCI-wide Funding, NCI Office of Grants Administration, NCI Division of Extramural Activities, The NCI Grants Process, Guidelines and Tools for Clinical Protocol Development), and "NIH Grantsmanship Resources" (NIH Parent Announcements, Office of Extramural Research, Grant Application Basics, Center for Scientific Review, Small Business Funding Opportunities, New and Early Stage Investigator Policies).



**NATIONAL  
CANCER  
INSTITUTE**

[www.cancer.gov](http://www.cancer.gov)

[www.cancer.gov/espanol](http://www.cancer.gov/espanol)