



Finding Funding Opportunities: What grants are best for you?

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First Step

- ❖ Classify your research area(s)
- ❖ Identify several key words which can lead to relevant funding opportunities when you use them to search (for *Yinfa*, such as cancer biomarkers, early cancer diagnosis, single cell analysis, single cell imaging, single molecule detection, etc.)

Second Step: Funding sources

- Find the types of grants available
- Keep you informed about funding opportunities
- Choose the type of grant most likely to be funded.

Federal Funding Opportunities

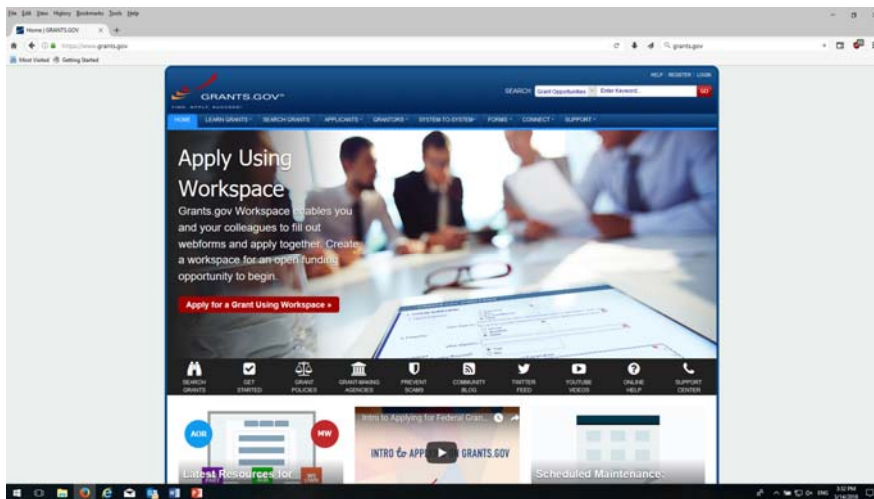
- NSF
- NIH
- DOD
- DOE
- DOT
- USDA
- Depart. Educ.
- Many others

Part of Federal Agency Funding Sources

- [Argonne National Lab](#)
- [Biomedical Funding Options](#)
- [Commerce Business Daily](#)
- [Defense Advanced Research Projects Agency \(DARPA\)](#)
- [Department of Agriculture](#)
- [Department of Commerce](#)
- [Department of Defense](#)
- [Department of Education](#)
- [Department of Energy](#)
 - [Department of Energy, Office of Science](#)
 - [DOE SBIR \(Small Business Innovative Research\) and STTR \(Small Business Technology Transfer\)](#)
 - [DOE National Energy Technology Laboratory](#)
- [Department of the Interior](#)
- [Department of Transportation](#)
- [Department of Health and Human Services](#)
- [Electrical Power Research Institute \(EPRI\)](#)
- [Environmental Protection Agency](#)
- [East Lane](#)
- [Gas Technology Institute](#)
- [Grants.gov](#)
- [Illinois Clean Coal Institute](#)
- [Lawrence Livermore National Lab](#)
- [Lockheed Martin Corp.](#)
- [Los Alamos National Lab](#)
- [Michigan Department of Natural Resources](#)
- [National Aeronautics and Space Administration](#)
 - [Office of Life and Microgravity Science Applications \(OLMSA\)](#)
 - [Office of Space Science \(OSS\)](#)
- [National Endowment for the Humanities](#)
- [National Science Foundation \(NSF\)](#)
- [National Institutes of Health](#)
- [National Institutes of Standards and Technology](#)
- [National Oceanic and Atmospheric Administration](#)
- [Oak Ridge National Lab](#)
- [Petroleum Research Fund](#)
- [Sandia National Lab](#)
- [Small Business Administration](#)
- [United States Department of Agriculture](#)
 - [USDA National Institute of Food and Agriculture \(NIFA\)](#)
 - [USDA NIFA Forms](#)
- [U.S. Air Force Office of Scientific Research \(AFOSR\)](#)
- [U.S. Army Research Office](#)
- [U.S. Fish and Wildlife Service \(DOI\)](#)
- [U.S. Geological Survey](#)
- [U.S. Navy Office of Naval Research](#)

- Searching for Federal funding opportunities from each individual funding agency can be very time consuming !!!!!!!
- The best way to deal with this is.....

Grants.gov (<https://www.grants.gov/>)



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Grants.gov

- Register yourself for grant opportunities in the areas you are interested in
- Then you will receive emails constantly about funding opportunities

Ma, Yinfa

From: DoNotReply@grants.gov
Sent: Saturday, March 10, 2018 12:40 AM
To: Ma, Yinfa
Subject: Grants.gov Opportunities Update

The following grant opportunities were created, updated, or deleted on Grants.gov:

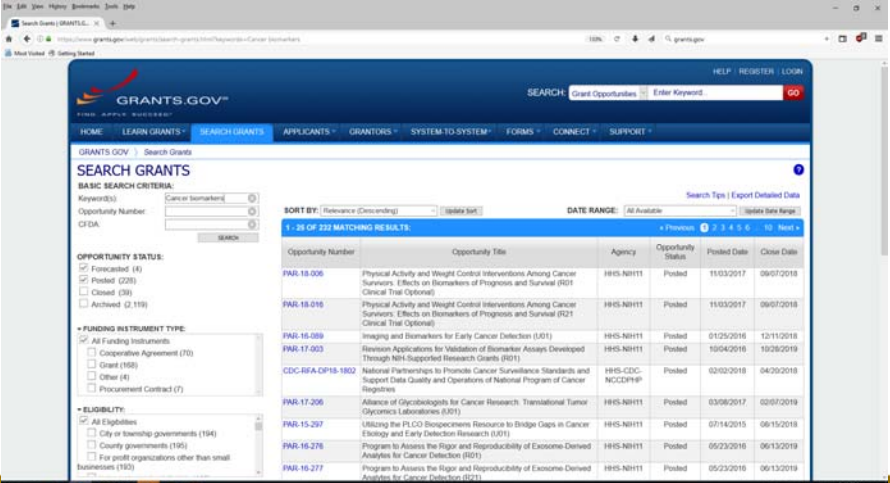
DOS
 Department of State
 U.S. Mission to Ukraine
 Ukraine: America House Kyiv Program
 Synopsis 1
<https://www.grants.gov/web/grants/view-opportunity.html?oppid=301476>

EPA
 Environmental Protection Agency
 2018 HEALTHY COMMUNITIES GRANT PROGRAM
 Synopsis 1
<https://www.grants.gov/web/grants/view-opportunity.html?oppid=301477>

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Grants.gov

- Search your self if you know what you are looking for



The screenshot shows the Grants.gov search results page. The search criteria include 'Cancer biomarker'. The results are sorted by relevance and show 25 of 322 matching results. The table below represents the data visible in the screenshot:

Opportunity Number	Opportunity Title	Agency	Opportunity Status	Posted Date	Close Date
FAW-18-006	Physical Activity and Weight Control Interventions Among Cancer Survivors: Effects on Biomarkers of Prognosis and Survival (R01 Clinical Trial Optional)	HHS-NH11	Posted	11/03/2017	06/07/2018
FAW-18-016	Physical Activity and Weight Control Interventions Among Cancer Survivors: Effects on Biomarkers of Prognosis and Survival (R21 Clinical Trial Optional)	HHS-NH11	Posted	11/03/2017	06/07/2018
FAW-16-089	Imaging and Biomarkers for Early Cancer Detection (U01)	HHS-NH11	Posted	01/25/2016	12/11/2018
FAW-17-005	Revision Applications for Validation of Biomarker Assays Developed Through NIH-Supported Research Grants (R01)	HHS-NH11	Posted	10/04/2016	10/26/2019
CDC-RFA-DP18-1802	National Partnerships to Promote Cancer Surveillance Standards and Support Data Quality and Operations of National Program of Cancer Register	HHS-CDC-NCCDPHP	Posted	02/02/2018	04/30/2018
FAW-17-206	Alliance of Glycobiologists for Cancer Research: Translational Tumor Glycomics Laboratories (R01)	HHS-NH11	Posted	03/08/2017	02/07/2019
FAW-15-297	Utilizing the FICD Bioprocessors Resource to Bridge Gaps in Cancer Etiology and Early Detection Research (U01)	HHS-NH11	Posted	07/14/2015	06/15/2018
FAW-16-276	Program to Assess the Rigor and Reproducibility of Exosome Derived Analyses for Cancer Detection (R01)	HHS-NH11	Posted	05/23/2016	06/13/2019
FAW-16-277	Program to Assess the Rigor and Reproducibility of Exosome Derived Analyses for Cancer Detection (R01)	HHS-NH11	Posted	05/23/2016	06/13/2019

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Pivot.COS.COM

(https://pivot.cos.com/funding_main)

- Why Pivot? (many private funding opportunities)

The screenshot shows the Pivot website interface. At the top, there's a navigation bar with 'Funding', 'Profiles', and 'Papers Invited'. Below this is a search bar with 'Search by text' and 'Search by sponsor' options. A sidebar on the left lists categories like 'Most Popular', 'Editor's Pick', 'Health Science Funding News', and 'Humanities and Social Science Funding News'. The main content area features a 'Funding Insights' section with a sub-heading 'From Cloud Computing to Urban Farming: Pivot Adds Keywords'. The text below explains that Pivot periodically adds new terms to its emerging fields of interest, covering disciplines like Nosocomial Infections, STEM Education, Clean Technology, Carbon Sequestration, Organized Crime, Energy Industry, Synthetic Biology, Sustainable Design, Human Trafficking, Electronic Health Records, Green Buildings, Cloud Computing, and Urban Farming.

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The screenshot displays search results for '238 Results'. On the left, there are filters for 'Recently added', 'Submission type', 'Top funding types', 'Top sponsor types', 'Top applicant types', and 'Top keywords'. The main results table is as follows:

	Deadline	Amount
<input type="checkbox"/> Translational Safety Biomarker Pipeline (TransBioLine): Enabling development and implementation of novel safety biomarkers in clinical trials and diagnosis of disease European Union (EU) European Commission (EC) Directorate-General for Research and Innovation	06 Sep 2018 Stage 2 Applic. Confirmed	see record
<input type="checkbox"/> FTD Biomarkers Initiative Association for Frontotemporal Degeneration (AFTD)	15 Apr 2018 Letter of Intent Anticipated	\$500,000 USD
<input type="checkbox"/> Request for Proposal: Biomarkers Development Alzheimer's Drug Discovery Foundation (ADDF)	13 Apr 2018 Letter of Intent Confirmed	\$300,000 USD
<input type="checkbox"/> Biomarker Project Awards Cancer Research UK (CRUK)	15 Jun 2018 Application Anticipated	£500,000 GBP
<input type="checkbox"/> Mitochondrial Biomarkers for Parkinson's Disease Michael J. Fox Foundation for Parkinson's Research (MFF)	27 Sep 2018 Preliminary Pr. Anticipated	\$200,000 USD
<input type="checkbox"/> Novel Approaches to Diagnosing Alzheimer's Disease and Predicting Progression (R01) United States Department of Health and Human Services (HHS) National Institutes of Health (NIH) National Institute on Aging (NIA)	05 Jun 2018 Application Confirmed	see record
<input type="checkbox"/> AACR Scientific Achievement Awards - AACR-American Cancer Society Award for Research Excellence in Cancer Epidemiology and Prevention American Association for Cancer Research (AACR)	16 Aug 2018 Nomination Anticipated	\$5,000 USD

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oppn/149933

150%

pivot.com

Funding Search Results > Funding Opp Detail

Research Grants

Opp ID: 149933 | Research | Last edited on 01 Jul 2017

Full Details

Website: <https://www.lungcancerresearchfoundation.org/research/funding-opportunities>

Sponsor: Lung Cancer Research Foundation (LCRF)

Amount: **Upper \$150,000** uso
The maximum award amount is \$150,000 for a period of two years (disbursed at \$75,000 per year).
LCRF will not support institutional indirect/overhead costs.
The LCRF grant must be the primary source of support for the... [more »](#)

Applicant Type: Individuals: Early Career and Emerging in Field
Individuals: Graduate Student
Individuals: Mid-Career to Established in Field

Citizenship or Residency: Unrestricted

Activity location: Unrestricted

Track: 0 others

Set to Active: 0 others

Share

See more opps like this
Send feedback

Potential Collaborators

8 from inside your institution

500+ from outside institutions

Funding Contact Person

Lung Cancer Research Foundation
155 East 55 Street, Suite 6-H
New York, NY 10022
Phone: +1 (212) 588-1580
Fax: +1 (212) 308-0972
grants@lungfund.org

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https://grch.grandchallenges.org/grant-opportunities

Global Grand Challenges

BILL & MELINDA GATES foundation

ABOUT CHALLENGES AWARDED GRANTS NEWS GRANT OPPORTUNITIES

Home / Grant Opportunities

Grant Opportunities

The Grand Challenges family of initiatives fosters innovation to solve key health and development problems. See below for Grand Challenges grant opportunities with the Bill & Melinda Gates Foundation as sole or contributing funder.

Campylobacter spp. Transmission Dynamics in Low- and Middle-Income Countries
GRAND CHALLENGES | 8 MAR 2018

Affordable, Accessible, and Appealing: The Next Generation of Nutrition (Round 21)
GRAND CHALLENGES EXPLORATIONS | 8 MAR 2018

Innovations in Immunization Data Management, Use, and Improved Process Efficiency (Round 21)
GRAND CHALLENGES EXPLORATIONS | 8 MAR 2018

Tools and Technologies for Broad-Scale Disease Surveillance of Crop Plants in Low-income Countries (Round 21)
GRAND CHALLENGES EXPLORATIONS | 8 MAR 2018

FILTER BY INITIATIVE

- Grand Challenges Explorations (3)
- Inst. Grand Challenges (2)
- Grand Challenges (1)
- Grand Challenges Broad (1)

SEE ALSO

- Opportunities at Gates Foundation
- Opportunities at GrandChallenges.org

Corporate Funding Opportunity

- Identify corporates that sponsor academic research, for example:

- Boeing
- Monsanto
- Pfizer
- Honeywell
- Merck
- Caterpillar
- Many others

How to obtain Corporate funding:

- Networking
- Team with your colleagues who have established research collaborations with corporates
- Publish your work and cause corporates' attention

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Other Funding Sources

- State agencies
 - For example, Missouri Department of Natural Resources
- Professional Societies
 - For example, American Chemical Society
Petroleum Research Foundation (PRF)

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