



# Webinar Series Kickoff

April 30, 2020

# What is HRA Analyzer?



**HRA Analyzer** is a real time, searchable database of awards made by HRA member organizations – its goal is to represent the full scope of awards by nonprofit organizations and to provide a clearer picture of the biomedical research funding landscape.

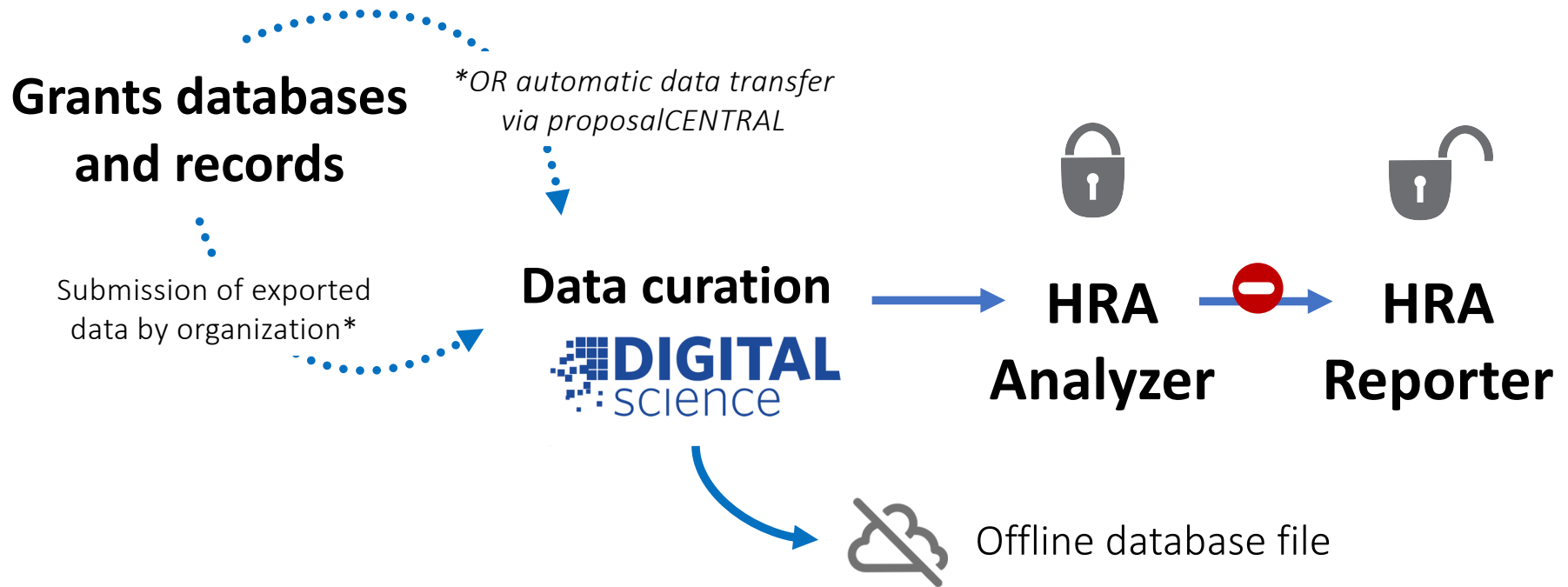
HRA Analyzer functionality includes:

- Automated coding of research areas using multiple taxonomies
- Visualization of data from HRA organizations and NIH
- Ability to compare funding by institution, category, geography... and much more!

Powered by:



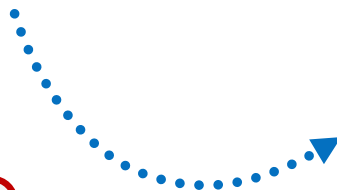
# How does it work?



# What data is collected?



## Grants databases and records



### General Award Fields

Funder Name  
Partner Organization  
Funder Project ID (unique)  
Project Title  
Abstract  
Start/End Date  
Funding amount

Award Program  
Support Mechanism  
Support Recipient  
Support Purpose  
Career Stage  
Eligibility



*Chosen from controlled lists to  
maximize searchability*

### Award Recipient Fields

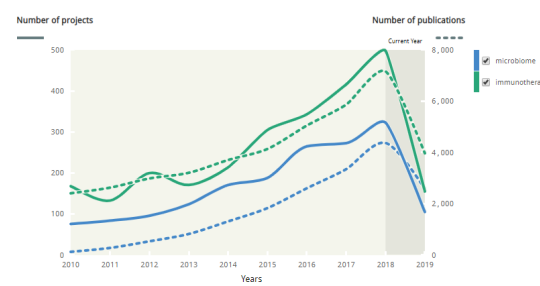
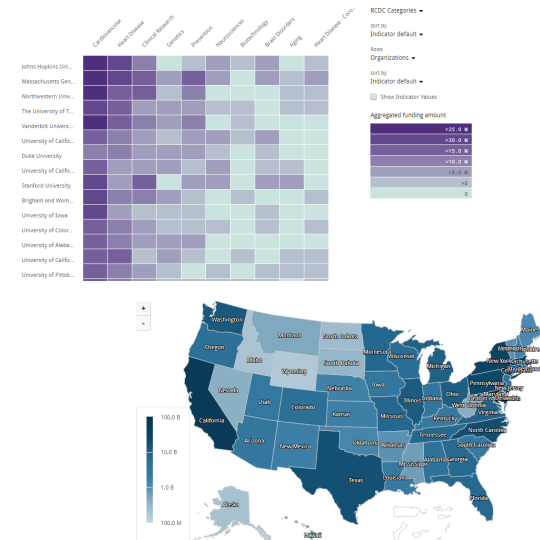
Name (First, Middle\*, Last)  
Organization  
Organization City/State/Zip  
Professional Degrees  
Gender\*  
Race/Ethnicity\*  
ORCID  
Role (if award has multiple PIs)

Highlighted fields appear online in Analyzer  
\*If collected

# How will it help me?



- It enables **HRA Open** participation
- You can use it to identify:
  - Collaboration partners
  - Grant reviewers
  - Overlapping funding
- You can easily perform analyses for:
  - Gaps in funding
  - Portfolio/program evaluation



# How do I use it?



HRA Analyzer

🔍 e.g. plastic AND instrument

Save / Export

Support

👤 Diane Sa...

## FILTERS

## FAVORITES

### ▼ FUNDER

- American Heart Association 14,062
- Juvenile Diabetes Research Foundation 3,718
- American Cancer Society (ACS) 3,408
- Susan G. Komen Breast Cancer Foundation 2,684
- Crohn's and Colitis Foundation 2,558
- Alzheimer's Association (ALZ) 2,498
- Cancer Research Institute (CRI) 2,459
- Arnold and Mabel Beckman Foundation 1,845
- Patient-Centered Outcomes Research Institute 1,693
- Arthritis Foundation (AF) 1,650
- St. Baldrick's Foundation (SBF) 1,395

More

### > COUNTRY OF FUNDER

### ▼ RESEARCH ORGANIZATION

HRA GRANTS  
59,492

NIH GRANTS  
439,998

PUBMED PUBLICATIONS  
30,738,610

Title, Full

Simultaneous

brainwide neural ensembles

Burroughs Wellcome Fund  
to Christina K Kim

Computations, recurrent dynamics, and learning in the cortex-cerebellum circuit underlying skilled behavior

Burroughs Wellcome Fund  
to Mark Wagner

Engineering organ development using synthetic genetic regulation

Burroughs Wellcome Fund  
to Jennifer Ann noelani Brophy

Reprogramming proteins for targeted degradation and intracellular trafficking

Burroughs Wellcome Fund

Start Date ▼

JSD), period

360,000

2022 - 2025

360,000

2021 - 2024

500,000

2021 - 2025

500,000

2021 - 2025

**Type your search term(s) here to start.**

You can use 'AND' and 'OR' if needed.

## < ANALYTICAL VIEWS



RESEARCH CATEGORIES



11 Medical and Health Sciences	30,929
06 Biological Sciences	14,283
0601 Biochemistry and Cell Biology	10,928
1112 Oncology and Carcinogenesis	9,017
1103 Clinical Sciences	6,428

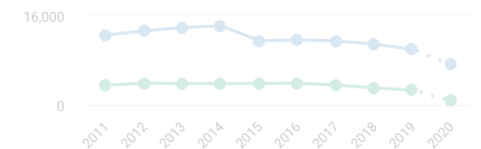


OVERVIEW



Aggregated funding amount  
USD 18.0 B

Average funding amount  
USD 307 K



Active HRA grants (total)

# How do I use it?



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[More](#)

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▼ RESEARCH ORGANIZATION

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PUBMED PUBLICATIONS  
30,738,610

Title, Funder, Investigator

Funding amount (USD), period

Sort by: Start Date ▼

Simultaneous molecular activity recording and transcriptomics of brainwide neural ensembles

360,000  
2022 - 2025

Burroughs Wellcome Fund  
to Christina K Kim

Use this panel to **filter** your results by funder, institution, research category, etc.

360,000  
2021 - 2024

Engineering organ development using synthetic genetic regulation

500,000  
2021 - 2025

Burroughs Wellcome Fund  
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Reprogramming proteins for targeted degradation and intracellular trafficking

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Burroughs Wellcome Fund

← ANALYTICAL VIEWS

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- More

**Results**  
from your  
search will  
populate  
here.

COUNTRY OF FUNDER

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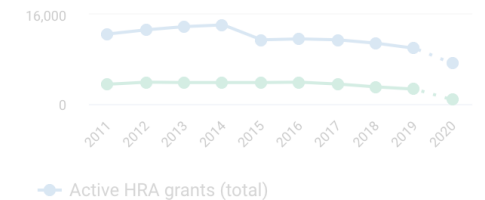
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OVERVIEW

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Sort by: Start Date

Title, Funder, Investigator	Funding amount (USD), period
<a href="#">Simultaneous molecular activity recording and transcriptomics of brainwide neural ensembles</a> Burroughs Wellcome Fund to Christina K Kim	360,000 2022 - 2025
<a href="#">Computations, recurrent dynamics, and learning in the cortex-cerebellum circuit underlying skilled behavior</a> Burroughs Wellcome Fund to Mark Wagner	360,000 2021 - 2024
<a href="#">Engineering organ development using synthetic genetic regulation</a> Burroughs Wellcome Fund to Jennifer Ann noelani Brophy	500,000 2021 - 2025
<a href="#">Reprogramming proteins for targeted degradation and intracellular trafficking</a> Burroughs Wellcome Fund	500,000 2021 - 2025



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HRA Analyzer

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Diane Sa...

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Title, Funding

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360,000  
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500,000  
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Toggle between viewing HRA Grants, NIH Grants, and Publications using the top toolbar.

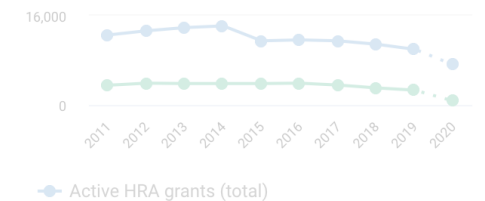
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Start Date (SD), period

360,000  
2022 - 2025

360,000  
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500,000  
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500,000  
2021 - 2025

Expand this tab to explore results by category and generate graphs and charts.



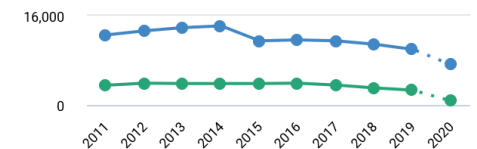
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Active HRA grants (total)

# How do I use it?



The data **source** you are browsing will be listed in the top banner

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> COUNTRY OF FUNDER

▼ RESEARCH ORGANIZATION

📁 RESEARCH CATEGORIES

🚩 OVERVIEW

📊 FUNDERS

🏛️ RESEARCH ORGANIZATIONS

📍 PLACES

🔍 COMPARE

## Research Categories

related to your search

[About indicators](#)

Use these options to explore data by different **parameters** of interest.

Indicator

Total

Classification: Fields of Research

Name	↓HRA grants	Funding amount aggregated
Medical and Health Sciences 11	30,929	USD 10.2 B
Biological Sciences 06	14,283	USD 3.6 B

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▶ COUNTRY OF FUNDER

▼ RESEARCH ORGANIZATION

▶ ANALYTICAL VIEWS | HRA GRANTS

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📍 PLACES

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## Research Categories

related to your search

[About indicators](#)

Aggregated Bar Chart Timeline Heatmap

} Select a chart type here.

### HRA grants | Funding amount

Indicator

Total

Classification: Fields of Research

Name	↓HRA grants	Funding amount
Fields of Research code		aggregated
<b>Medical and Health Sciences</b>	<b>30,929</b>	<b>USD 10.2 B</b>
11		
<b>Biological Sciences</b>	<b>14,283</b>	<b>USD 3.6 B</b>
06		

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🏠 RESEARCH ORGANIZATIONS

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related to your search

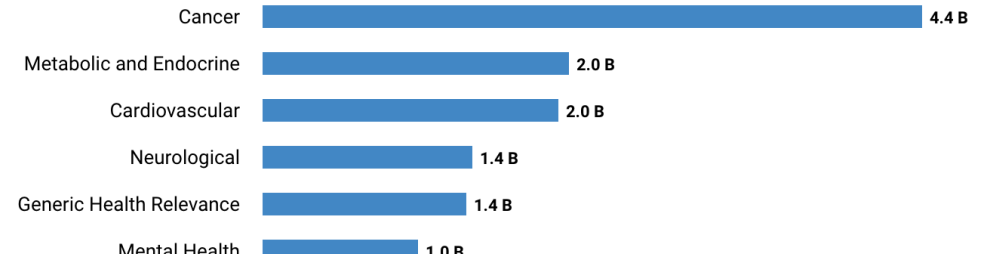
[About indicators](#)

Aggregated **Bar Chart** Timeline Heatmap

Aggregated funding amount

Indicator

Classification: Health Category (HRCS) ▼



Look for the ☰ icon to export!

Chart | Table



# What if I need help?



HRA Analyzer search results for "e.g. plastic AND instrument". The page shows filters for FUNDERS (American Heart Association, Juvenile Diabetes Research Foundation), HRA GRANTS (59,492), NIH GRANTS (439,998), and PUBMED PUBLICATIONS (30,738,610). A red arrow points to the "Support center" link in the top right navigation menu.

Health Research Alliance logo and navigation menu (About, Members, Working Groups, Issues, Events, HRA Platforms, Resources). The main heading is "HRA ANALYZER (HRA MEMBERS)". A red arrow points to the "HRA Analyzer (HRA Members only)" link in the navigation menu.

- Digital Science/Dimensions: [supportHRA@dimensions.ai](mailto:supportHRA@dimensions.ai)
- General questions and support: [admin@healthra.org](mailto:admin@healthra.org)



Download User Guide [here](#)

# Want to learn more?



## HRA Analyzer Webinar Series

Thursdays from 2-3pm Eastern

- Hands-on “use cases”
- Q&A and discussion with HRA users

Join one or all weeks!



Read more & register [here](#)

Date	Topic
5/7/20	Data Upload
5/14/20	Landscape Analysis
5/21/20	The Grants Process – from finding reviewers to duplicative submission and overlap in funding
5/28/20	Portfolio Analyses
6/4/20	How to Use & Access “Offline Data”

Intro to HRA Analyzer • 4/30/20