



# Alzheimer's Disease and AD Related Dementias Research: Policy and Program Updates

2022 Spring ADRC Meeting

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National Institute  
on Aging

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# Appropriations and Spending

# FY 2022 Budget: Funding Increases Across the Board

**\$45 Billion  
for NIH**

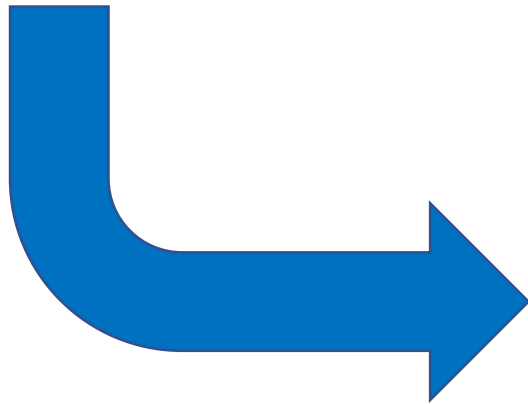


**\$41M increase for All of Us**

**\$60M increase for BRAIN**

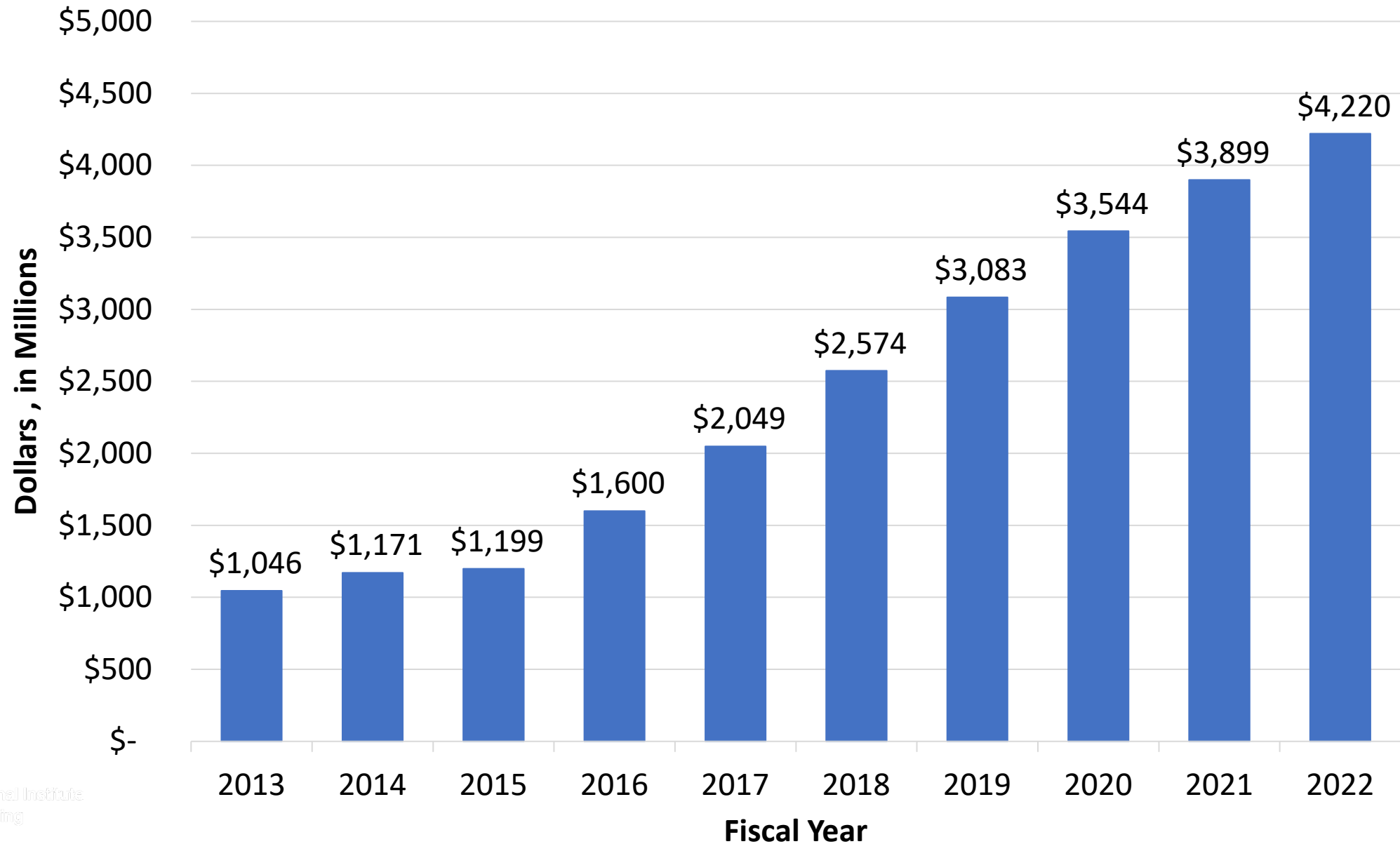
**\$10M increase for Down Syndrome**

**\$289M increase for AD/ADRD**



- **\$4.22B for NIA**
- Includes a base increase in non-AD research
- **All divisions will benefit:** DAB, DBSR, DGCG, DN

# NIA Appropriations

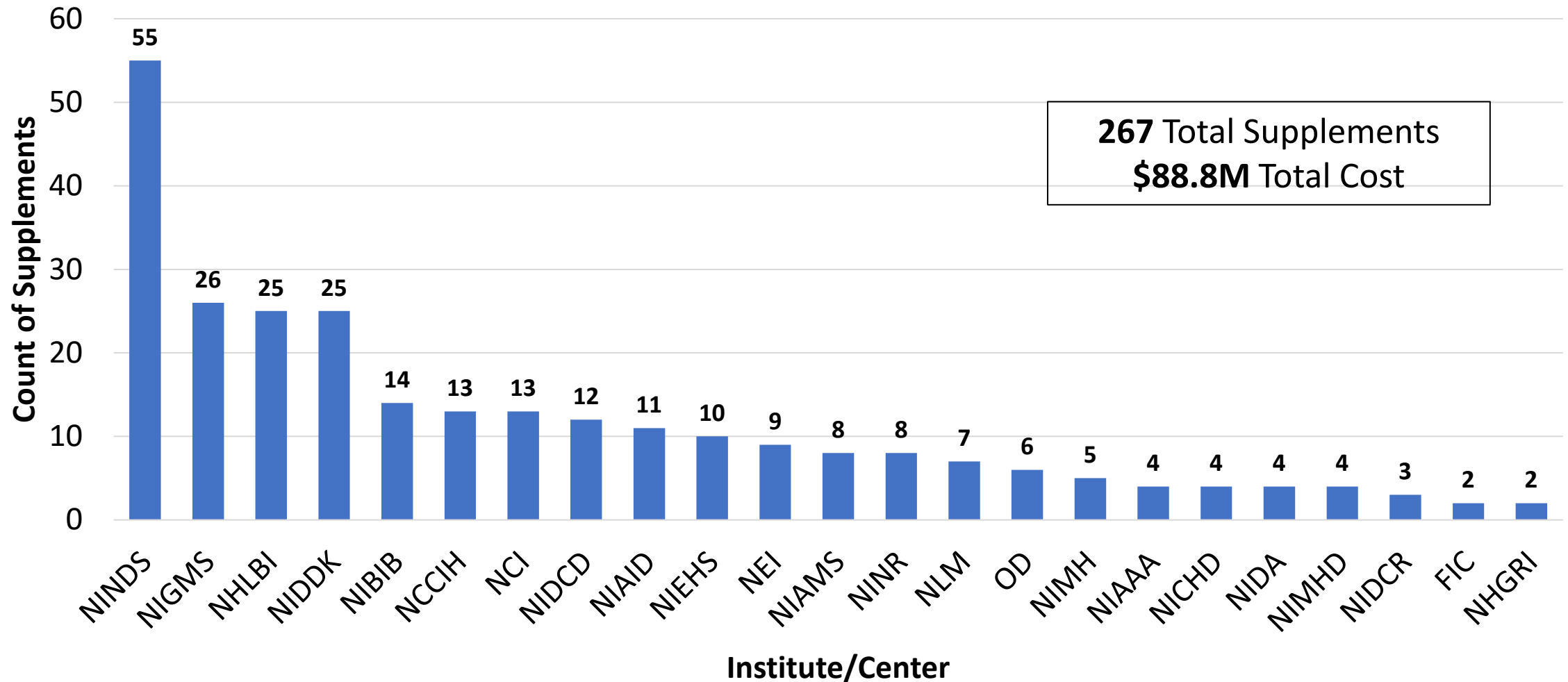


# NIA AD/ADRD Appropriations

| 2011                                    | 2012  | 2013  | 2014                              | 2015                             | 2016                              | 2017                              | 2018                              | 2019                              | 2020                              |
|---|---|---|-----------------------------------|----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| National Alzheimer's Project Act (NAPA) | <b>\$50 M*</b> redirected within NIH budget | <b>\$40 M*</b> redirected within NIH budget | <b>\$100 M</b> additional approp. | <b>\$25 M</b> additional approp. | <b>\$350 M</b> additional approp. | <b>\$400 M</b> additional approp. | <b>\$414 M</b> additional approp. | <b>\$425 M</b> additional approp. | <b>\$350 M</b> additional approp. |
| 2021                                    | 2022  |   |                                   |                                  |                                   |                                   |                                   |                                   |                                   |
| <b>\$300 M</b> additional approp.       | <b>\$289 M</b> additional approp.           |   |                                   |                                  |                                   |                                   |                                   |                                   |                                   |

\*One-year money; years displayed are fiscal years.

# FY21 AD/ADRD Supplements by Institute/Center



# Current Allocations for Competing Research Grant Awards, FY 2022

| CSR-Reviewed Research Applications           |                              |                               |                     |
|--|------------------------------|-------------------------------|---------------------|
|  | General Pay Line,<br><\$500K | General Pay Line,<br>=>\$500K | AD/ADRD<br>Pay Line |
| All applications<br>except as noted<br>below | 10%                          | 7%                            | 28%                 |
| N.I. R01s                                    | 13%                          | 10%                           | 31%                 |
| E.S.I. R01s                                  | 15%                          | 12%                           | 33%                 |

*New Investigator (N.I.): An applicant who has not received a prior R01 award or its equivalent.*

*Early-Stage Investigator (E.S.I.): A new investigator who is within 10 years of finishing research training.*

*AD/ADRD: Research on Alzheimer's disease and Alzheimer's disease-related dementias.*

# Current Revised Pay Lines, FY 2022

| NIA-Reviewed Applications   |                     |                     |
|-----------------------------|---------------------|---------------------|
|                             | General<br>Pay Line | AD/ADRD<br>Pay Line |
| Program projects            | 15                  | 40                  |
| Other NIA-reviewed research | 15                  | 40                  |
| Career development awards   | 21                  | 35                  |
| Fellowship awards           | 30                  | 40                  |

# Recruitment of a Growing AD/ADRD Research Workforce FY2015-2021

From Fiscal Year 2015—2021:

- ~**1/3** of NIA's Alzheimer's disease and related dementias awardees were either **new or early-stage** investigators.
- ~**1/4** of NIA's Alzheimer's disease and related dementias awardees were **new to the field**.

# NIA Updates

# Active NIA AD/ADRD Clinical Trials



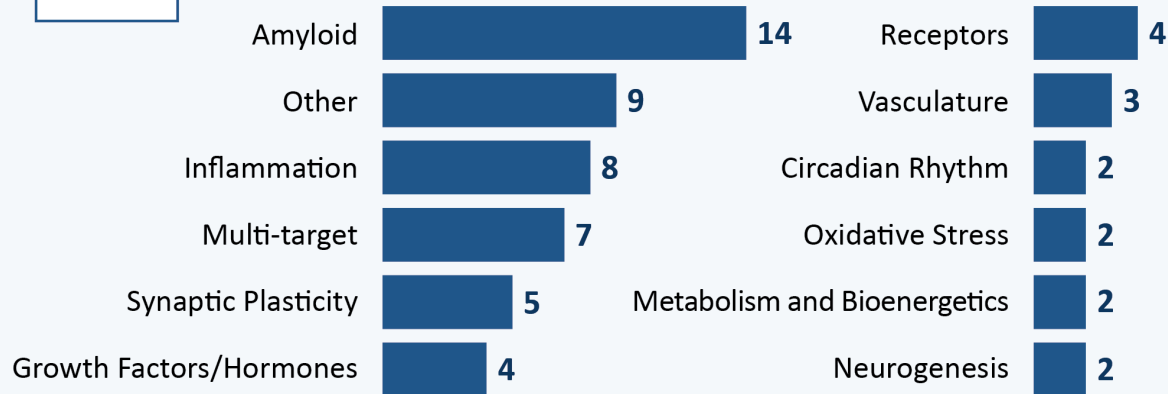
## Pharmacological Interventions

**70**  
TRIALS

**62**  
trials

### Early Stage Trials (Phase I & Phase II)

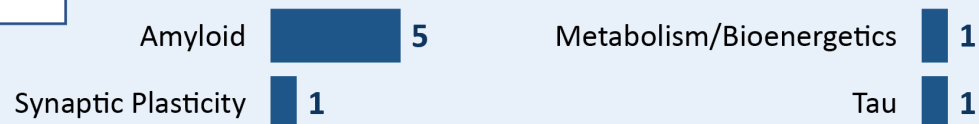
#### Targeted Disease Process



**8**  
trials

### Late Stage Trials (Phase II/III & Phase III)

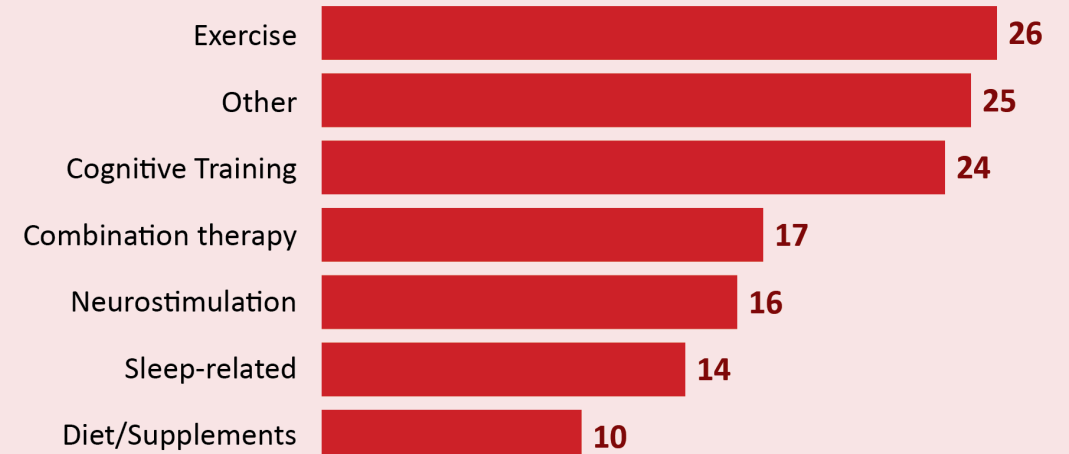
#### Targeted Disease Process



## Non-Pharmacological Interventions

**132**  
TRIALS

### Intervention Modality



For more information please visit  
[www.nia.nih.gov/research/ongoing-AD-trials](http://www.nia.nih.gov/research/ongoing-AD-trials)



Data last updated: October 2021.

# Active NIA AD/ADRD Clinical Trials



## Dementia Care and Caregiving Interventions

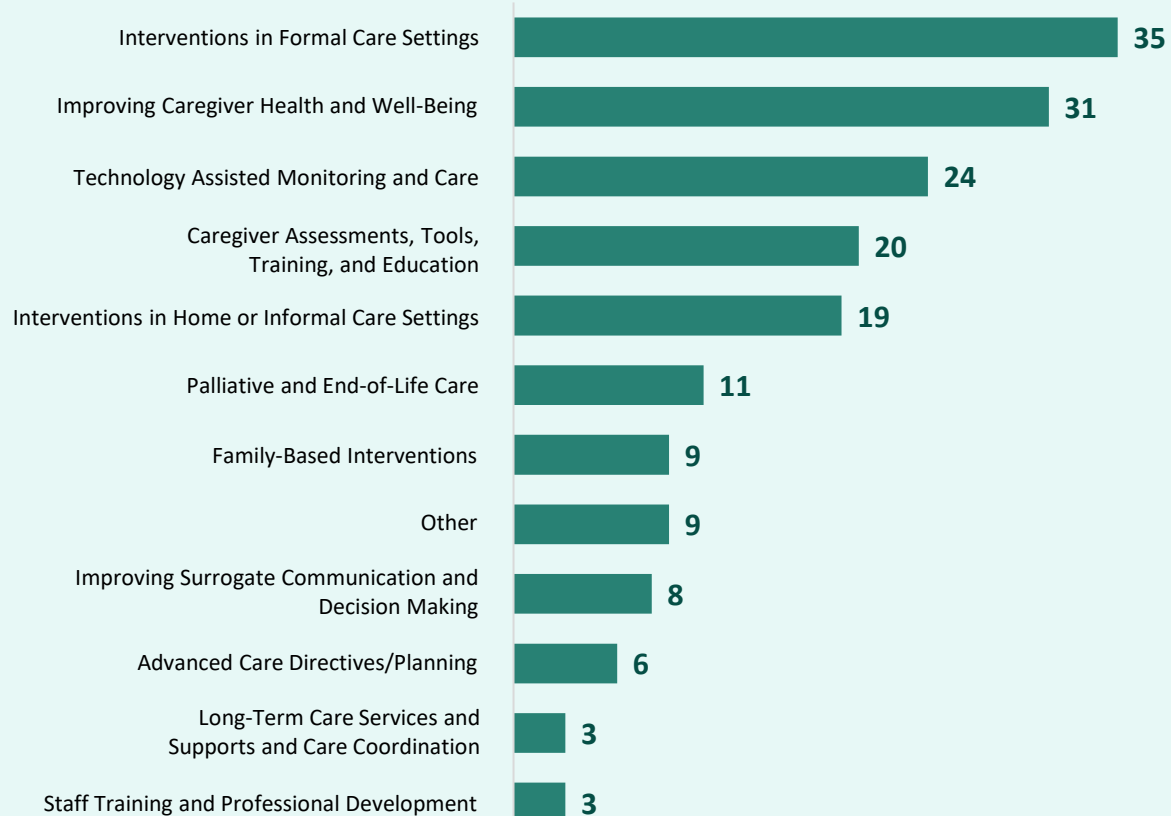
**178**  
TRIALS



## Other Trials

**31**  
TRIALS

### Intervention Type



### Diagnostic Tools, Assessments & Imaging Studies

**21**

### Treating Neuropsychiatric Symptoms of AD/ADRD

**6**

**4**



Pharmacological



Non-pharmacological

For more information please visit  
[www.nia.nih.gov/research/ongoing-AD-trials](http://www.nia.nih.gov/research/ongoing-AD-trials)



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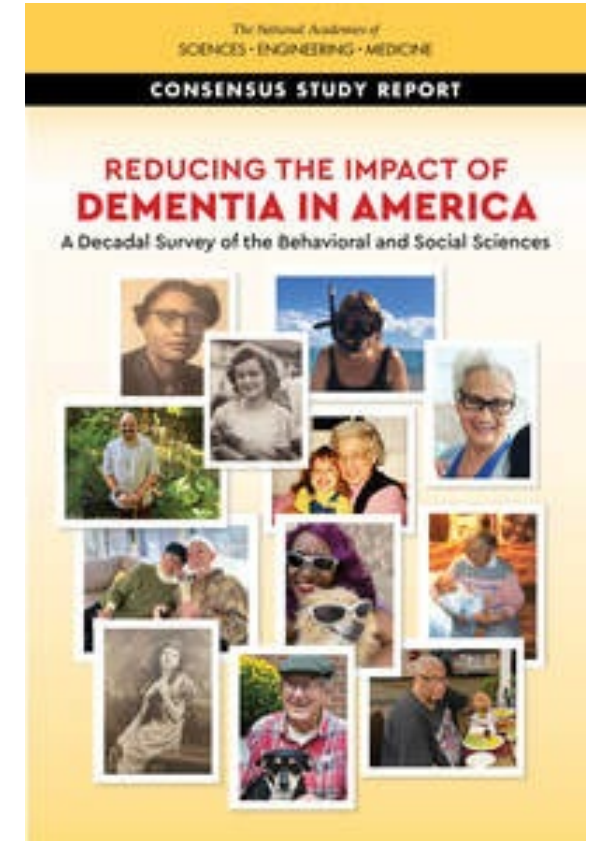
# NASEM Decadal Survey of the Behavioral and Social Sciences

The National Academies of Sciences, Engineering, and Medicine released a new NIA-sponsored report:

[\*Reducing the Impact of Dementia in America: A Decadal Survey of the Behavioral and Social Sciences\*](#) highlights behavioral and social science research opportunities in Alzheimer's disease and related dementias over the next 10 years

The report calls for:

- research that addresses the **causes and solutions for disparities** in both developing dementia and receiving adequate treatment and support
- research that **sets goals meaningful for people living with dementia** and those who support them

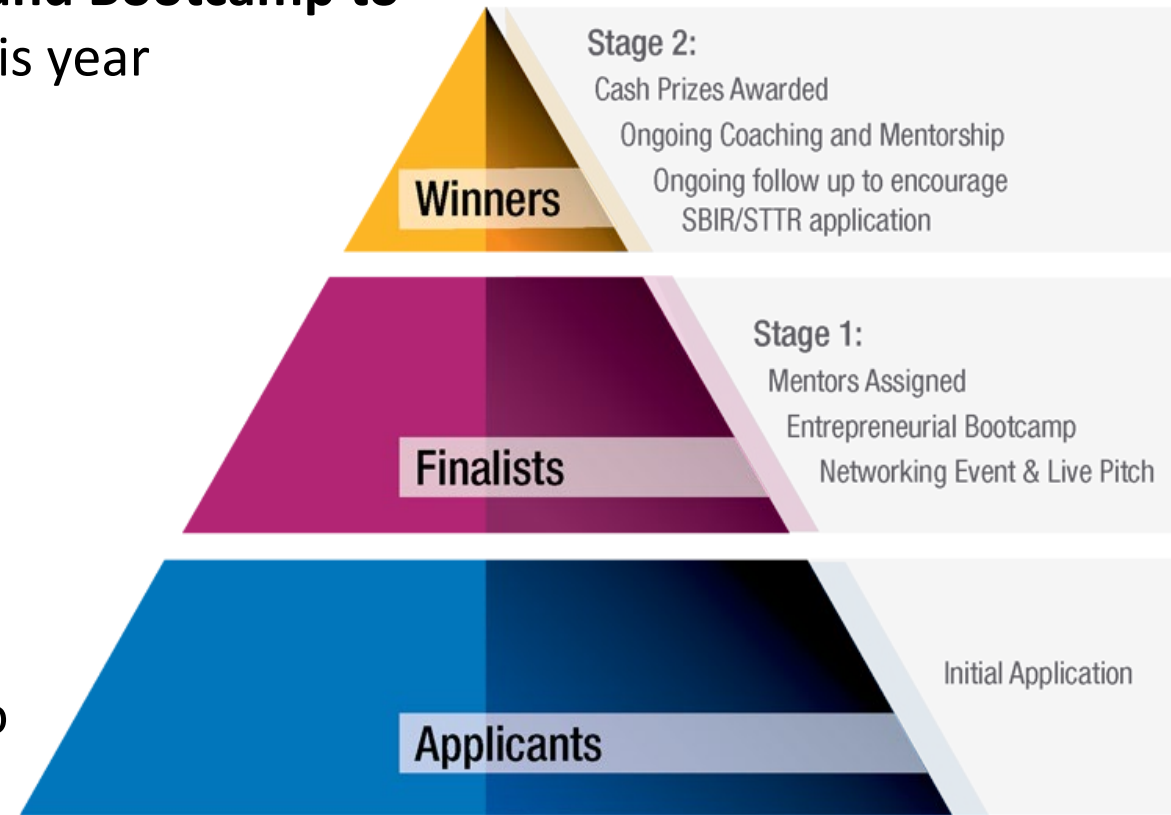


Released in 2021

# Healthy Aging Start-Up Challenge and Bootcamp

NIA launched the **Healthy Aging Start-Up Challenge and Bootcamp** to **Foster Diversity and Accelerate Innovation** earlier this year

- Up to 20 finalists will participate in a four-month entrepreneurial bootcamp
- Up to five winners will each receive a \$60,000 prize
- The cash prize and resources aim to help build a strong foundation of diverse start-ups that will consistently compete for future NIA SBIR/STTR funding for innovative technologies and products to promote healthy aging and combat aging-related diseases and conditions, including dementias



<https://www.nia.nih.gov/research/osbr/startup-challenge>

# In Memoriam



**John Q. Trojanowski**

**1946-2022**

# Ways to Stay Informed and Connected



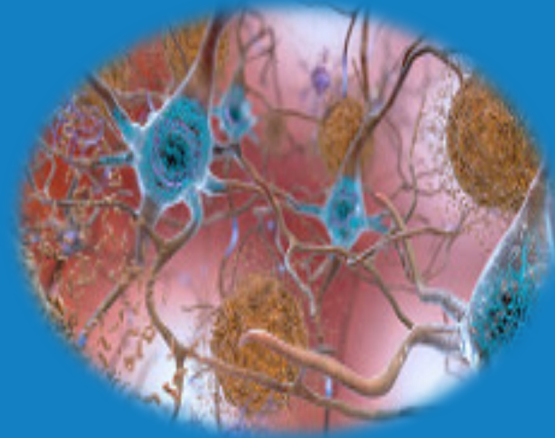
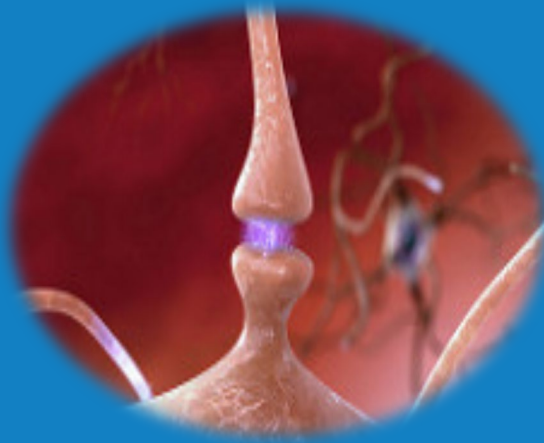
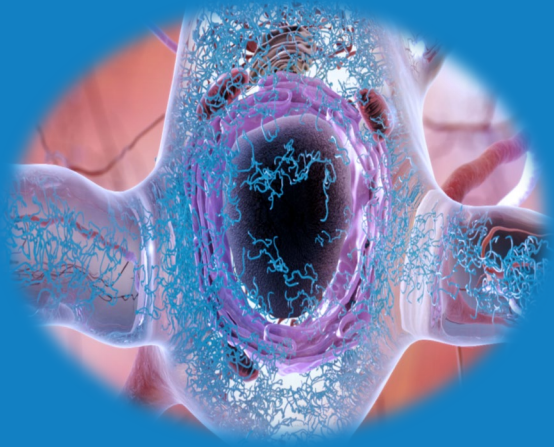
Search all active NIA funding opportunities:  
<https://www.nia.nih.gov/research/funding>



Review the latest approved concepts:  
<https://www.nia.nih.gov/approved-concepts>



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# NIA

## The Leader in Aging Research

