



Introduction and Overview of the National Institute on Aging ASBMB Webinar

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March 8, 2023

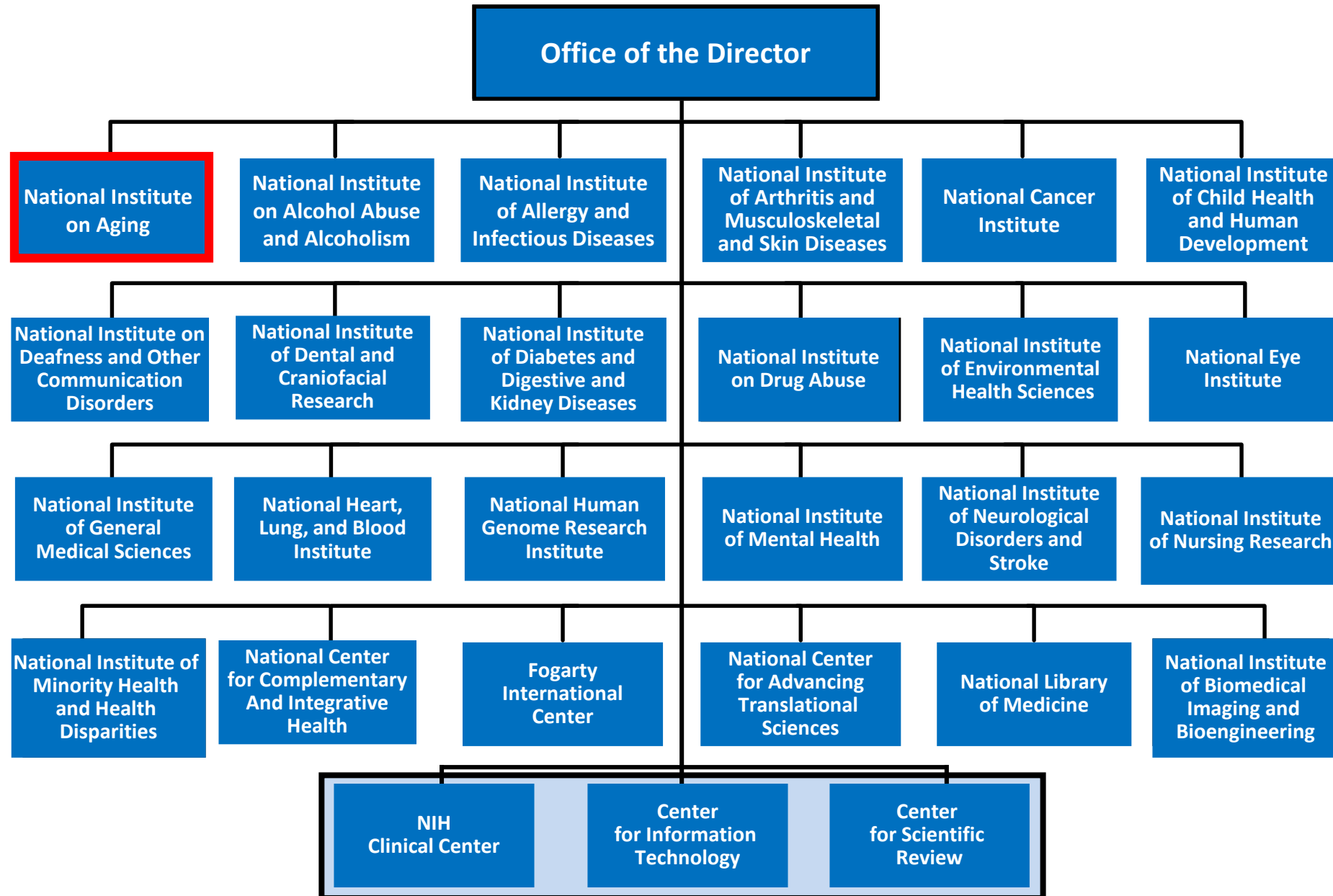
The National Institutes of Health

The Nation's Steward of Medical & Behavioral Research

- Supports research of non-Federal scientists
 - In universities, medical schools, hospitals, and research institutions throughout the United States and overseas
- Conducts research in its own laboratories
- Helps train research investigators
- Fosters communication of medical information



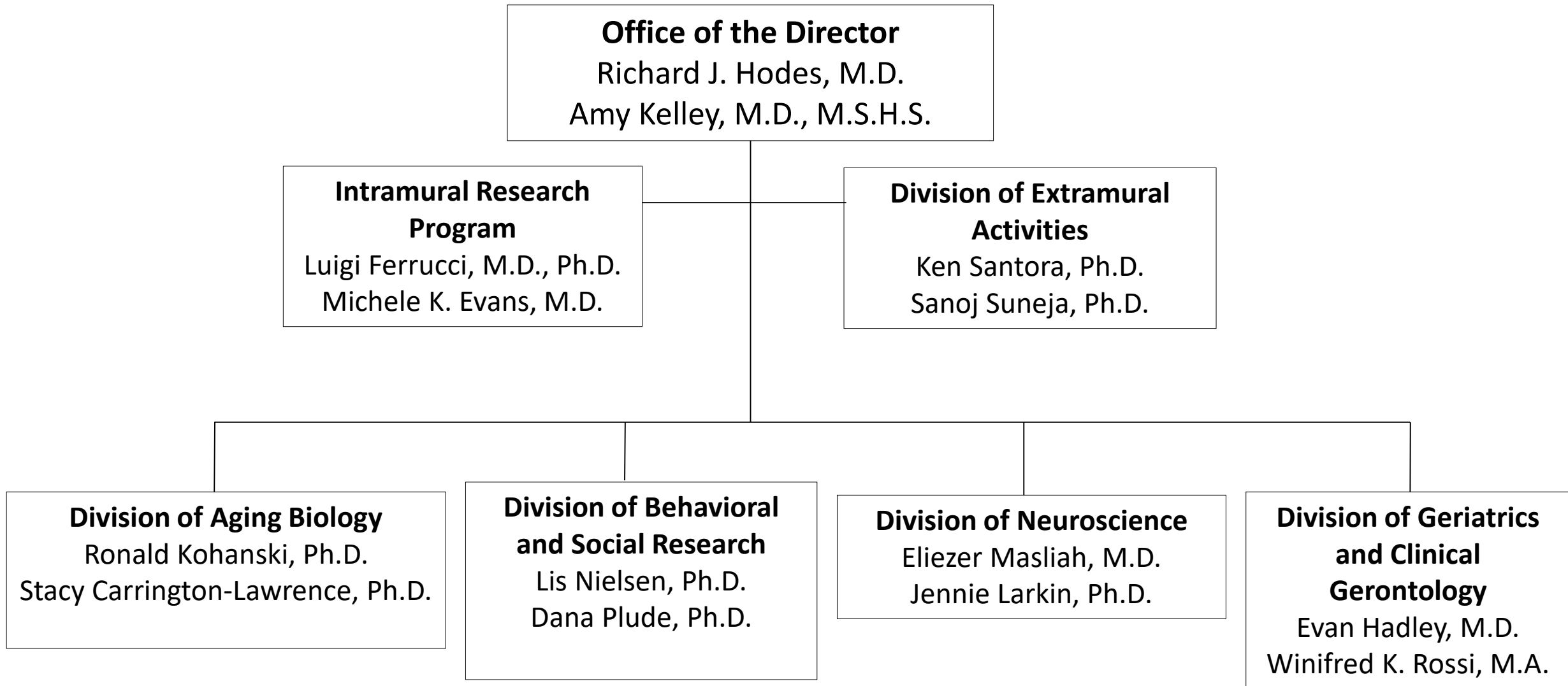
National Institutes of Health



NIA Mission:

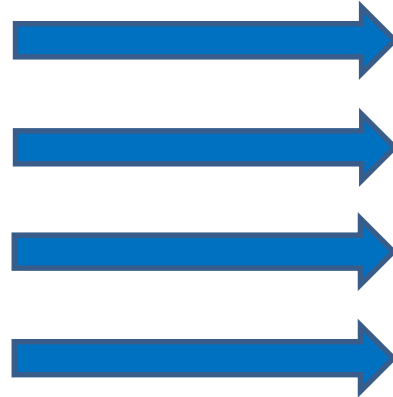
- Support and conduct genetic, biological, clinical, behavioral, social, and economic research on Aging.
- Foster the development of research and clinician scientists in Aging.
- Provide research resources.
- Disseminate information about aging and advances in research to the public, health care professionals, and the scientific community, among a variety of audiences.
- Lead for research on **Alzheimer's disease** and related forms of dementia (AD/ADRD)
- <https://www.nia.nih.gov/about/aging-strategic-directions-research>

National Institute on Aging Organizational Structure



FY 2023 Budget: Funding Increases in Key Areas

**\$47.7 Billion
for NIH**



\$60M increase for BRAIN

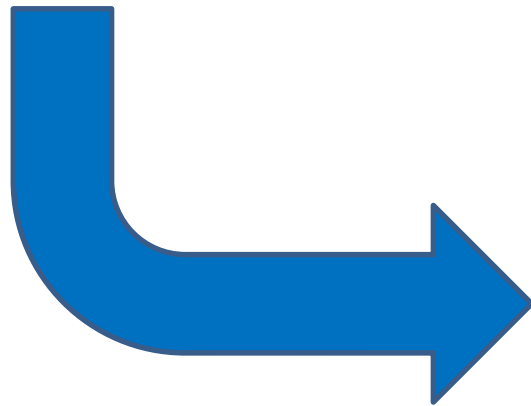
\$135M increase for big data/AI

\$15M increase for Down Syndrome

\$226M increase for AD/ADRD

\$151M to NIA

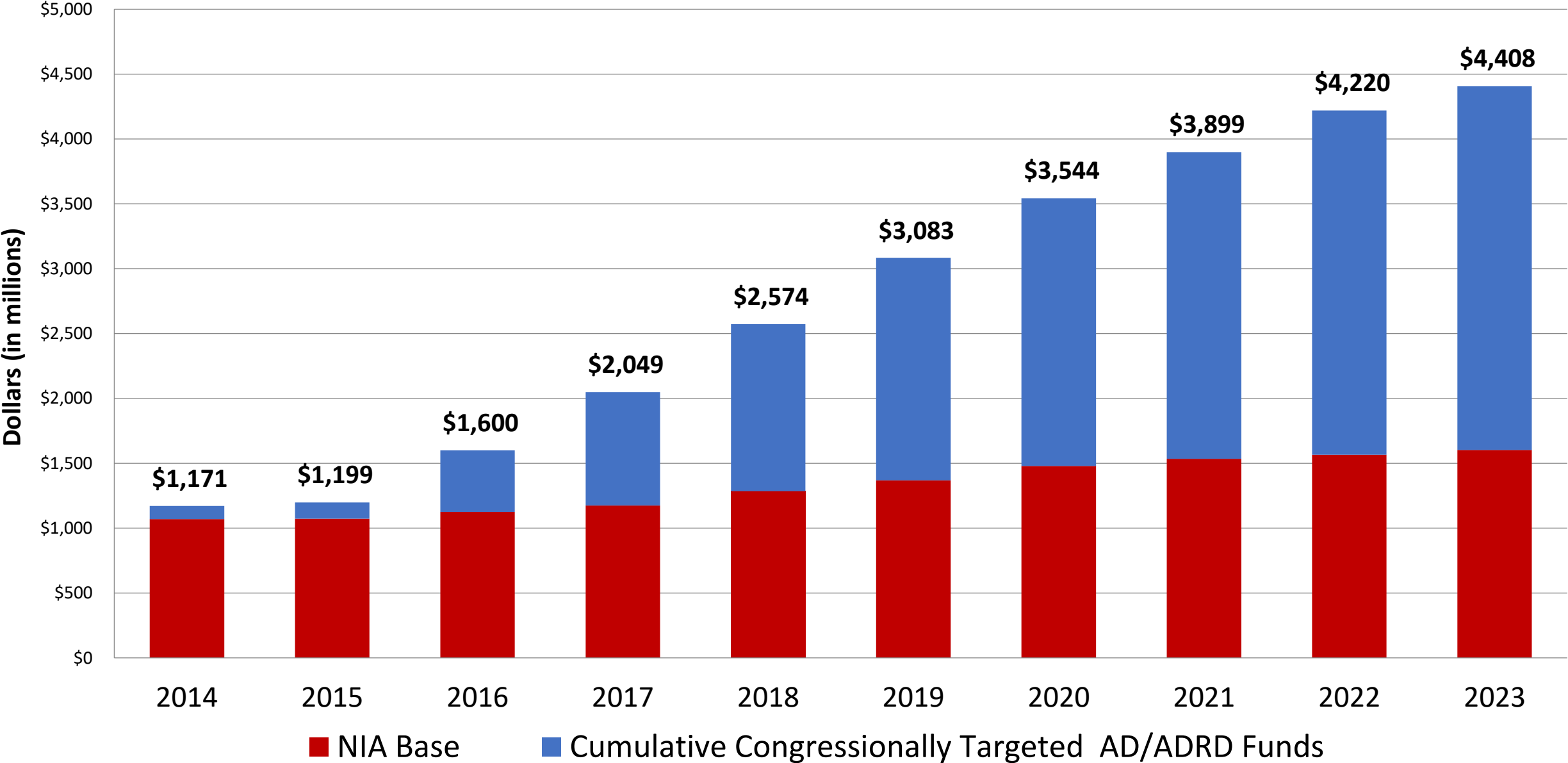
\$75M to NINDS



- **\$4.41B for NIA**
- Includes a base increase in non-AD research
- **All divisions will benefit: DAB, DBSR, DGCG, DN**

NIA Appropriations

Fiscal Year 2014-2023



Current Allocations for Competing Research Grant Awards, FY 2023

CSR-Reviewed Research Applications (Percentile Based)				
	General Pay Line, <\$500K	General Pay Line, =>\$500K	AD/ADRD Pay Line, <\$500K	AD/ADRD Pay Line =>\$500K
All applications; exceptions see website	15%	12%	25%	25%
N.I. R01s	18%	15%	28%	28%
E.S.I. R01s	20%	17%	30%	30%

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 Pay Lines, FY 2023

NIA-Reviewed Applications (Overall Impact Score based)		
	General Pay Line	AD/ADRD Pay Line
Program projects	24	30
Other NIA-reviewed research	24	30
Career development awards	21	35
Fellowship awards	30	40

Alzheimer's Disease & Related Dementias Research

NIA AD/ADRD Appropriations

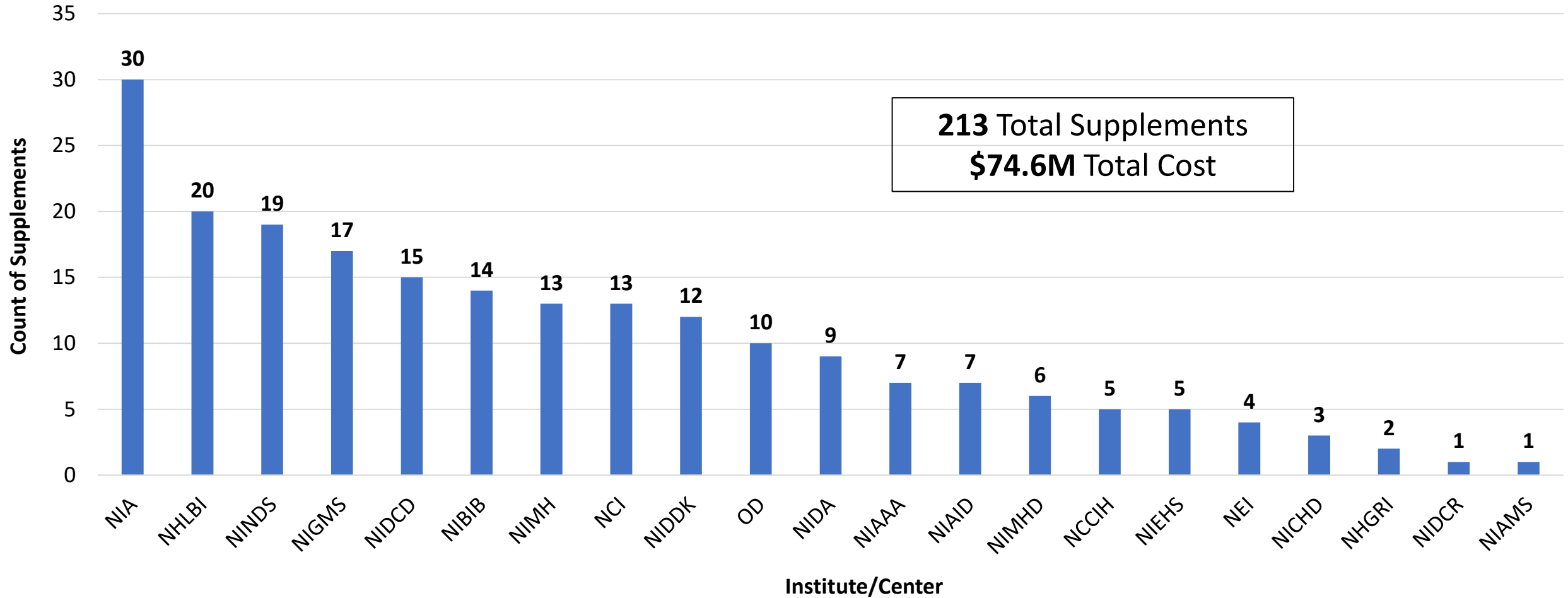
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
National Alzheimer's Project Act (NAPA)	\$50 M* redirected within NIH budget	\$40 M* redirected within NIH budget	\$100 M additional approp.	\$25 M additional approp.	\$350 M additional approp.	\$400 M additional approp.	\$414 M additional approp.	\$425 M additional approp.	\$350 M additional approp.

2021	2022	2023
\$300 M additional approp.	\$289 M additional approp.	\$151 M** additional approp.

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

**This figure does not include an additional \$75M in AD/ADRD funds to NINDS, giving an overall increase in AD/ADRD funds of \$226M in FY 2023.

FY2022 AD/ADRD Supplements to Non-AD/ADRD Awards by Institute/Center



Recruitment of a Growing AD/ADRD Research Workforce, FY 2015—2022

Across Fiscal Years 2015—2022:

- **~1/3** of NIA's Alzheimer's disease and related dementias awardees were either ***new or early-stage*** investigators.
- **~1/5** of NIA's Alzheimer's disease and related dementias awardees were ***new to the field***.

Recent and Upcoming Events

NIH's Commitment to Ending Structural Racism



- NIH is committed to instituting new ways to support diversity, equity, and inclusion, and identifying and dismantling any policies and practices that may harm our workforce and our science.
- NIH established the **UNITE** initiative to address structural racism in biomedical research with the goal of ending racial inequity.
- Primary goals of the initiative are:
 - U** Understanding stakeholder experiences through listening and learning
 - N** New research on health disparities, minority health, and health equities
 - I** Improving the NIH culture and structure for equity, inclusion and excellence
 - T** Transparency, communication, and accountability with our internal and external stakeholders
 - E** Extramural research ecosystem: changing policy, culture and structure to promote workforce diversity

NIA Participation:

- **Melissa Espinoza** - I Committee
- **Frank Bandiera** - N Committee
- **Patricia Jones** - E Committee, Evaluation Committee

nih.gov/ending-structural-racism

NIA's Healthy Aging Start-Up Challenge to Foster Diversity and Accelerate Innovation in Aging Research

- In support of ongoing efforts to foster diversity in aging research and innovation, NIA launched the inaugural **Healthy Aging Start-Up Challenge** in 2022.
- The Challenge winners were selected from 20 finalists and each received a **\$60,000 prize**.
- To learn more and/or to apply for the **2023 Challenge** by **April 20, 2023**, please visit: <https://www.nia.nih.gov/research/sbir/startup-challenge>

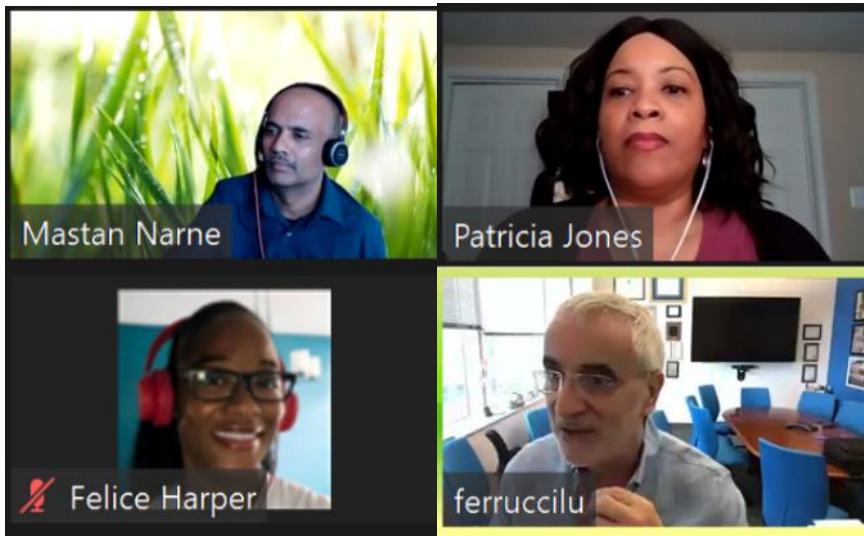
2022
Challenge
Winners:



The collage features five winners, each with a photo and logo. **NeuroAge therapeutics** is represented by two women and a green logo with a white gear icon. **Pressure Points** is represented by a woman and a blue logo with a red heart icon. **rose** is represented by two men and a blue logo with a red crown icon and the tagline "reimagining physical space as care". **m♀remmé** is represented by three women and a logo with a pink female symbol. **suma** is represented by two women and a blue logo with a grid pattern.

The Butler-Williams Scholars Program

For junior faculty and researchers new to the field of aging



Dates: August 23-25, 2023

Location: To be held virtually

Eligibility: Doctoral degree (e.g., PhD, DrPH, MD, etc.)

To apply for the 2023 cohort (by April 21, 2023):

<https://www.nia.nih.gov/form/bw-scholars-23>

For more details:

<https://www.nia.nih.gov/research/blog/2023/01/butler-williams-scholars-program-one-kind-opportunity-grow-your-career>

2023 NATIONAL RESEARCH SUMMIT ON

Care, Services, and Supports for Persons Living with Dementia and Their Care Partners/Caregivers

REGISTER TODAY

Monday, March 20, 2023 – Wednesday, March 22, 2023
Virtual Meeting

2023 Dementia Care
Summit webpage



NIH National Institute on Aging



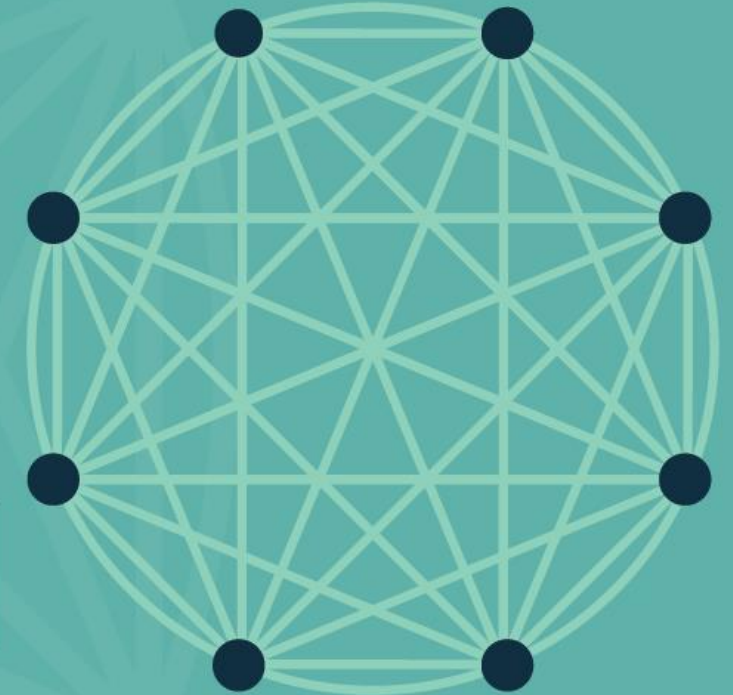
2023
NATIONAL RESEARCH SUMMIT ON
Care, Services, and Supports
For Persons Living with Dementia and
Their Care Partners/Caregivers

Register Now: 2023 Geroscience Summit

THE FOURTH SUMMIT

Geroscience for the Next Generation

APRIL 24 - 26, 2023
NIH CAMPUS, BETHESDA, MD



REGISTRATION NOW OPEN!

<https://www.nia.nih.gov/2023-fourth-geroscience-summit#registration>

Ways to Stay Informed and Connected



Sign up to receive updates and resources delivered to your inbox.

<https://nia.nih.gov/sign-up>



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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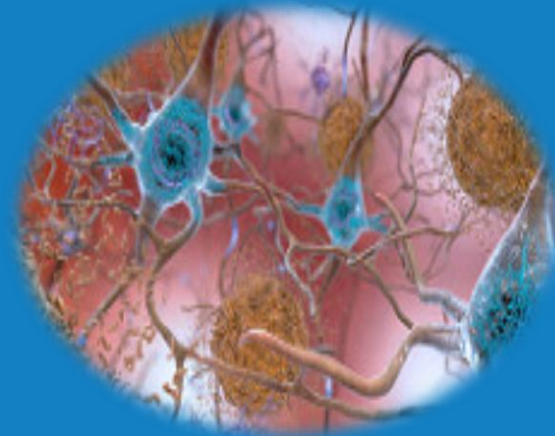
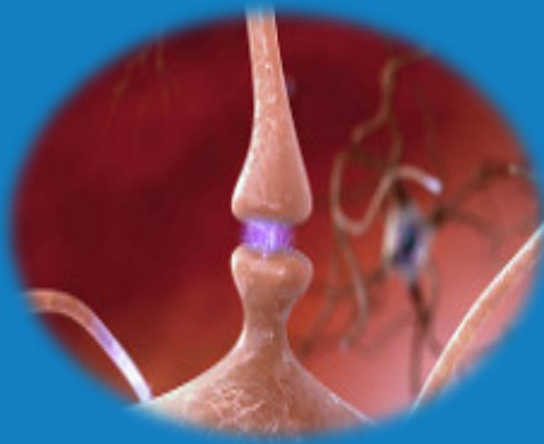
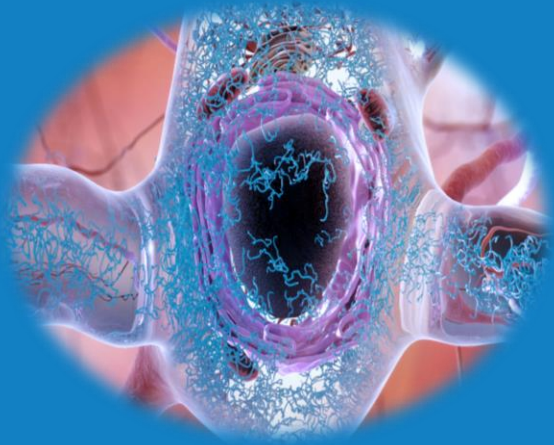
<https://www.linkedin.com/company/national-institute-on-aging/>

THANK YOU!

QUESTIONS???

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NIA

The Leader in Aging Research

