Alzheimer’s Association is the global center of Alzheimer research.
# Top Alzheimer’s Research Funding Organizations*

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<th>TOP 10 World Funders, By Articles Published</th>
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<td>NIH</td>
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<td>National Natural Science Foundation of China NSFC</td>
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* Based on Thompson Reuters Web of Science database, 1/9/2013
Convening & Connecting Scientists Around the Globe

Alzheimer's Association International Conference®
Make history at AAIC 2013 • Boston, MA • July 13 - 18, 2013
International Society to Advance Alzheimer Research and Treatment

• Professional society for individuals interested in Alzheimer’s and dementia science.
• Over 2,000 current members
• Benefits include:
  – Annual subscription to *Alzheimer's & Dementia*
  – Online career center
  – Reduced conference registration rates
  – CME/CE discounts
  – Monthly e-newsletter exclusively for members
  – Travel grants, hotel/ travel assistance at conferences,
    Car rental discounts
  – Peer networking opportunities
  – Professional Interest Areas (PIA)
  – Volunteer opportunities for ISTAART students
Research Roundtable

- Mission: To facilitate development and implementation of new treatments for Alzheimer’s disease by collectively addressing obstacles to research and development, clinical care and public health education.

- Consortium of scientists from the pharmaceutical, biotech, imaging and cognitive testing industries, academics and regulatory agencies.

- More than 25 industry partners; FDA, NIH and other U.S. federal agencies engaged as well as European Medicines Agency.
World Wide-Alzheimer’s Disease Neuroimaging Initiative (ADNI)
Amyloid PET Imaging

RED = maximum uptake
VIOLET = minimum uptake

Clark et al. (2011) JAMA 305(1).
Draft Guidance for Drug Development of Early Stage Alzheimer’s

• First time FDA publicly acknowledges:
  – Current state of the field
  – Outlined in the NIA/Alzheimer’s Association diagnostic criteria

• Moves forward ideas of early detection and early intervention in Alzheimer’s
Global Alzheimer’s Association Interactive Network (GAAIN)

• Open Access
  – Growing trend in science
  – Provides an incredible return on investment for funded research

• Unprecedented database
  – Provide researchers worldwide with free-of-charge access to a vast repository of data

• Sophisticated analytical tools; massive computational power to ask complex questions
Lead Funder of the DIAN-TU

• $4.2M grant to Dominantly Inherited Alzheimer Network Trials Unit (DIAN-TU)
  – International studies in the U.S., UK and Australia
  – Expansion of DIAN database
  – Three simultaneous trials to test potential therapies:
    • Gantenerumab (Roche, Monoclonal antibody to AB)
    • LY2886721 (Lilly, Beta Secreatse inhibitor)
    • Solaneuzumab (Lilly, Monoclonal antibody to AB)
Alzheimer's Association Quality Control Program for CSF biomarkers

2009-2012
79 laboratories (23 countries)
International Genomics Alzheimer’s Project (IGAP)

- International collaboration of research groups in France, UK, and U.S.
- Compiled more than 40,000 individuals’ genetic data for analysis
- Goal to understand role genes play in Alzheimer’s disease
Whole Genome Sequencing (WGS) of ADNI Data:

- Funding Partners:
  - Brin Wojcicki Foundation
  - Alzheimer’s Association
- 3 month process for WGS
- Open access of whole genome for over 800 individuals
SPECIAL REPORT

Alzheimer’s Association®
TrialMatch™: a next-generation resource for matching patients to clinical trials in Alzheimer’s disease and related disorders

Ronald C Petersen, Ralph A Nixon, William Thies, Arnetti Taylor*, Angela Timashenka Geiger & Cyndy Cordell

Petersen et al. 2012 Future Medicine
THE END OF ALZHEIMER'S STARTS WITH YOU

alzheimer's association

alz.org