
Alzheimer's
Drug Discovery
Foundation
New Direction
New Discoveries
2018 ANNUAL REPORT

Dear Friends,

With a growing aging population, Alzheimer's disease is becoming the greatest health issue facing our country.

The Centers for Disease Control and Prevention projects the burden of Alzheimer's disease will nearly triple from over 5 million cases currently to 14 million by 2060. Alzheimer's comes with great costs, both to society and to the patients and families who face the physical and emotional suffering associated with this disease.

Based on our belief that Alzheimer's research was moving too slowly to address this rapidly growing problem, in 1998, we created the Alzheimer's Drug Discovery Foundation (ADDF). Our mission was to speed up drug discovery and development. As a venture philanthropy, our business model has always been to think big, act bold, and support ideas others have shunned.

From day one, we were motivated to fund a diverse drug pipeline that extended beyond the traditional boundaries of Alzheimer's drug research. These bold moves have led to new directions and novel discoveries that have changed, and continue to change, the face of Alzheimer's research. Our work has caught the attention of important philanthropists, including Bill Gates and Jeff and MacKenzie Bezos, who in 2018 collaborated with us to develop the *Diagnostics Accelerator*, an initiative to fast-track both early Alzheimer's detection and thereby the development of targeted treatments.

Twenty years later, the ADDF remains the only nonprofit organization that supports the development of such a wide array of innovative and novel Alzheimer's drugs. Some of the agents we invested in a decade ago have progressed to human clinical trials that are going strong and are giving the entire field much hope. You will read about a few of these in this report. Now, more than ever, we are committed to advancing Alzheimer's research by exploring drugs based on an understanding of the "biology of aging."

Our success would not have been possible without the generosity of our donors. With their support, the ADDF to date has awarded $130 million to fund more than 600 Alzheimer's drug discovery programs and clinical trials in 19 countries. In 2018 alone, the ADDF committed $20 million in 31 programs.

We see the next few years as a defining time for Alzheimer's research. With better diagnostics, new knowledge, and over 100 drugs in clinical trials, we need to push forward the opportunities for drug discoveries.

We believe we will have new effective treatments for Alzheimer's disease in our lifetime.

With our deepest thanks,

Leonard Lauder

LEONARD A. LAUDER
Co-Chairman and Co-Founder

Ronald S. Lauder

RONALD S. LAUDER
Co-Chairman and Co-Founder

The Centers for Disease Control and Prevention projects the burden of Alzheimer's disease will nearly triple from over 5 million cases currently to 14 million by 2060.

5.8 million

Americans currently living with Alzheimer's

14 million

The number of Americans projected to be living with Alzheimer's disease by 2060

Dear Friends,

I have been privileged to work alongside ADDF co-chairmen and founders Leonard A. Lauder and Ronald S. Lauder for the past 20 years in pursuit of safe, effective therapies for Alzheimer's disease.

Over these two decades, the ADDF has been a forerunner in the attempt to conquer Alzheimer's. We have cast a wide net globally, investing in promising ideas from both academia and biotechs—funding clinical trials that might otherwise not be supported.

To date, Alzheimer's drug development efforts have been largely focused around beta amyloid plaques in the brain, a classic hallmark of Alzheimer's disease. These attempts to address a single misfolded protein so far have not proven successful.

Given that aging is the leading risk factor for Alzheimer's, the ADDF has taken a different approach. We have focused our efforts on translating the biology of aging into new treatments for Alzheimer's.

Using the biology of aging as our blueprint, we are currently supporting the exploration of drugs that address the multitude of issues that could contribute to this complex disease. Included in this diverse pipeline are drugs aimed at neuroinflammation, vascular problems, epigenetics, synapse loss, and metabolic and mitochondrial dysfunction, among other aging malfunctions.

New therapeutics for Alzheimer's disease will likely come from this understanding of the effects of aging on the brain. Ultimately, like other diseases of aging including cancer, diabetes and heart disease, it is likely a combination of drugs addressing multiple target pathways will be needed to effectively treat Alzheimer's.

Moving forward, our efforts will continue to include the investigation of drugs designed to slow, stop, and possibly reverse disease progression, as well as drugs that address behavioral symptoms associated with Alzheimer's. We are also interested in developing drugs aimed at disease prevention.

Critical to our success in finding effective ways to prevent and treat Alzheimer's is the development of reliable, affordable, and accessible biomarkers—just as cholesterol is an early biomarker for heart disease. That is why the Alzheimer's Drug Discovery Foundation created a coalition of leading philanthropists, including Leonard A. Lauder, Bill Gates, Jeff and MacKenzie Bezos, the Dolby family, and the Charles and Helen Schwab Foundation, among others, to create the *Diagnostics Accelerator*. Ultimately, with the right biomarker tools in place, we envision we will be able to take a personalized, precision medicine approach to Alzheimer's treatment.

With the clear, courageous vision of our founders and the support of our donors, we have opened new avenues for Alzheimer's drug discovery and have led the field in a new direction. By embarking on this broader course of research, we can hopefully make rapid progress in discovering the answers to help address, treat, and prevent the scourge of Alzheimer's disease.

Many thanks for your partnership.

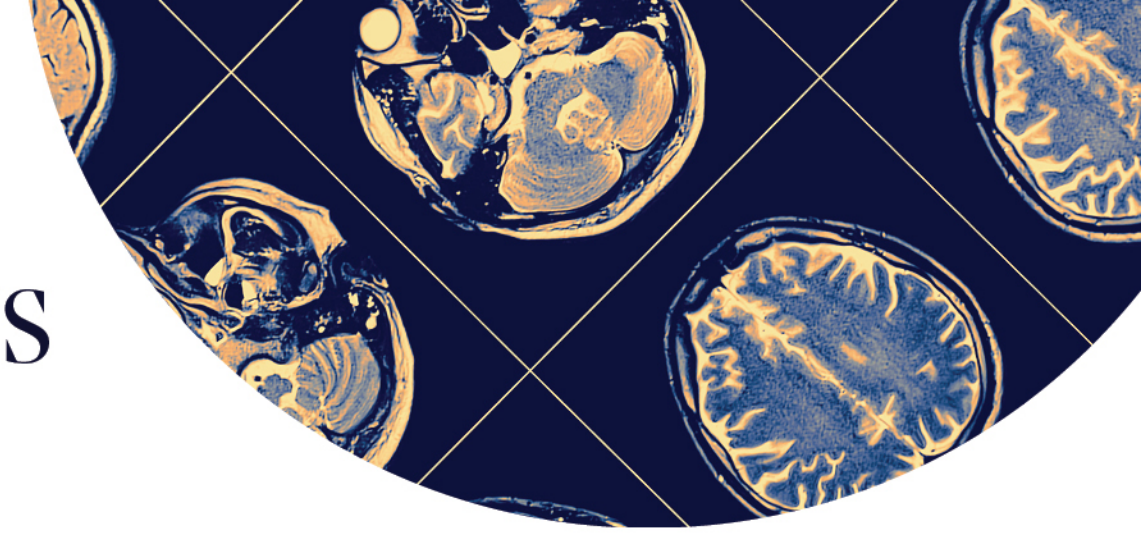
Howard

HOWARD FILLIT, MD

Founding Executive Director and Chief Science Officer

Inside this report:

TRANSLATING THE BIOLOGY OF AGING INTO NEW THERAPEUTICS



DIVERSIFYING THE ALZHEIMER'S DRUG PIPELINE

It's been known for some time that pathological changes occur in the brains of Alzheimer's patients. It is clear to us that the development of brain plaques, or sticky clumps containing beta-amyloid protein, and tangles, consisting of a protein called tau, do not tell the whole Alzheimer's story. With recognition of the intricacies of the disease and a heightened focus on the multitude of likely contributing factors, the ADDF is positioned to be on the cusp of important medical breakthroughs on the road toward developing potential therapies for the prevention and treatment of Alzheimer's.

For decades, many Alzheimer's drug development funders and scientists primarily focused on attempts to address one distinct abnormality observed in some aging brains: the development of plaques.

At the ADDF, we have historically taken a broader approach in our support of Alzheimer's drug research. We know that aging itself is the leading risk factor for Alzheimer's disease. And we recognize that the list of biological processes that can go awry in the aging brain is long, including the development of:

- Neuroinflammation
- Vascular problems
- Metabolic and mitochondrial changes within cells
- Epigenetic modifications, or alterations in gene regulation without shifts in the DNA sequence

More than ever, the ADDF understands that changes in any of these areas can place stress on brain cells, leading to loss of synapses (connections between brain cells) and resultant cognitive failure that is the hallmark of Alzheimer's disease. As such, in 2018, we further advanced our drug development strategy tied to the biology of aging. We strengthened our commitment to supporting a far-reaching, diversified portfolio that includes drugs targeted toward multiple aging pathways. Novel research approaches now make up most potential treatments in clinical trials. Last year alone, we invested $20M to fund 31 new programs, supporting our multi-pronged approach to treating Alzheimer's.

In this report we shine a spotlight on just a few examples of the exciting efforts the ADDF committed to in 2018. It is our hope that these studies will help answer important questions such as:

- Can an existing treatment for ALS, known as Lou Gehrig's disease, also help prevent the cell-damaging accumulation of glutamate? Glutamate is an essential neurotransmitter for brain function, but during disease can express dangerously high levels, and even damage the cells, in elderly brains.
- Will a novel therapeutic agent be the answer for controlling the neuroinflammation and loss of brain cell connections that occur with age?
- Can the emerging field of epigenetics be applied to improve failing memory in aging brains?

Recognizing the complexity of Alzheimer's disease, our goal moving forward is to uncover more than one drug—or combination therapies—that will likely be needed to treat and manage Alzheimer's.

COMBATING THE BUILD-UP OF GLUTAMATE IN ELDERLY BRAINS

At the ADDF, part of our mission is to think outside the box. Among our drug development strategies is the exploration of existing agents approved for other diseases or conditions to determine whether any might also work to help Alzheimer's patients. This is called repurposing, which is the application of a drug approved for one indication to treat another. One such agent is riluzole, an approved drug for ALS—a rare disease that affects motor control and exhibits similar neurodegenerative characteristics to Alzheimer's.

One potential byproduct of aging is hyperactivity in the brain, which can be caused by excess levels of a brain chemical called glutamate. Normally, glutamate is essential for brain function, but in early Alzheimer's, glutamate levels are abnormally high and too much glutamate can damage brain cells. Dr. Ana Pereira, of the Icahn School of Medicine at Mount Sinai, has shown that a drug called riluzole can reduce excess levels of glutamate and can be repurposed as a potential treatment for early Alzheimer's. Dr. Pereira's team is currently testing riluzole in mild Alzheimer's patients.

With the help of $406,000 in ADDF funding, including $106,000 in 2018, Dr. Pereira and her team are conducting the first clinical trial of riluzole in patients with mild Alzheimer's disease. These funds have allowed Dr. Pereira to conduct brain imaging and cognitive testing to detect changes after six months of treatment. The study started at Rockefeller and expanded to Mount Sinai.

We look forward to Dr. Pereira reporting clinical results from this potentially exciting therapeutic approach to Alzheimer's.

CONTROLLING NEUROINFLAMMATION AND LOSS OF BRAIN CELL CONNECTIONS

Neuroinflammation and the loss of connections between brain cells have been found to be hallmarks of most neurodegenerative diseases, including Alzheimer's. While there is still much to be learned concerning the link between inflammation and Alzheimer's, the ADDF considers neuroinflammation to be an important area for drug discovery.

Fortunately, the outlook looks promising. A novel therapeutic known as MW150—developed by Dr. Martin Watterson, ADDF's 2016 Goodes Prize winner—has shown efficacy in preclinical studies, a stage of research prior to human clinical trials– combating both neuroinflammation and loss of brain cell connections.

MW150's exceptional performance in preclinical tests, including FDA-recommended preclinical safety studies, made it a promising candidate to move into clinical testing. In ADDF-supported Phase 1 research, MW150 became the first drug in the novel stress kinase inhibitor class to be tested in humans. This new class of drugs lowers levels of inflammatory cytokines, which damage neurons and can lead to the onset of Alzheimer's.

The ADDF has supported the work of Dr. Watterson and Dr. Sakti Roy, of Northwestern University Feinberg School of Medicine, for almost 10 years. Dr. Watterson has teamed up with his collaborator, Dr. Ottavio Arancio of Columbia University School of Medicine, and others to form the biotech company Neurokine Therapeutics to further explore what could become a promising Alzheimer's treatment.

ADDF has now awarded just over $1.6 million in funding to this project with $800,000 awarded in 2018 to Neurokine Therapeutics for the continuation of MW150 research. The funding will allow Neurokine to complete the Phase 1 clinical trial and perform the necessary work to move the program into larger Phase 2, the first in patient trials.

APPLYING EPIGENETIC THERAPY TO TREAT FAILING MEMORY

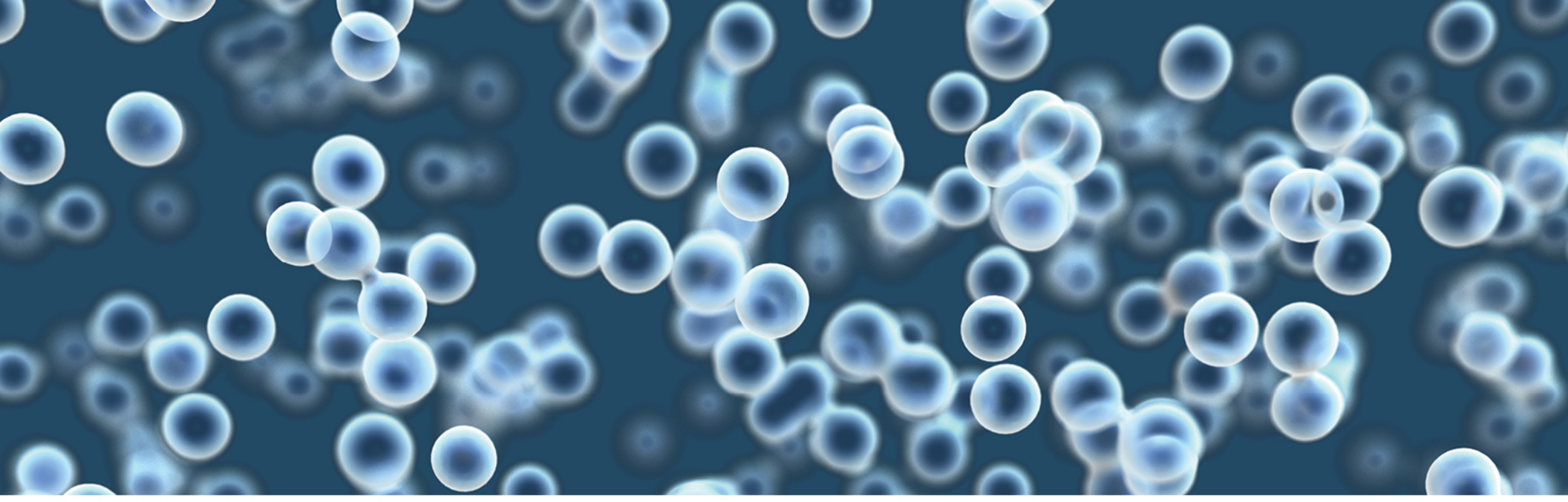
In recent years, a new slant on research has piqued the interest of the Alzheimer's research community. Epigenetics—the study of how genes are expressed (turned on and off) through mechanisms other than DNA, such as environment, stress, and diet—has emerged as an area ripe for exploration.

With time, epigenetic processes in the brain can become abnormal in response to environmental cues or stress and can have significant effects on the genes that control learning and memory. Left unchecked, neurodegeneration in the brain can occur.

With several investments from the ADDF, Oryzon Genomics developed a novel epigenetic inhibitor called ORY-2001 (vafidemstat) that shows promise as a means of improving memory and could play a role in the treatment of brain diseases.

After a successful Phase 1 clinical trial, ADDF has invested $1.5 million in Oryzon, to continue exploring the clinical potential of ORY-2001. With ADDF's backing, Oryzon will expand their phase 2a multicenter, multinational 26-week trial, known as the ETHERAL study (Epigenetic THERapy in ALzheimer's Disease), which will evaluate the safety, tolerability, and efficacy of ORY-2001 in patients with mild to moderate Alzheimer's.

ADDF funding will expand the ORY-2001 trial, already begun in Europe, to support the U.S. arm of ETHERAL.



DIAGNOSTICS ACCELERATOR

SUPPORT FOR GAME-CHANGING BIOMARKERS

Bill Gates and other leading philanthropists band together to fast-track the development of diagnostic tools

For cancer and heart disease, objective measurements of biological processes known as "biomarkers" (e.g., blood tests, wearable heart monitors, mammograms) serve as invaluable diagnostic tools. In the absence of reliable, cost-effective biomarkers to identify the presence of Alzheimer's, diagnoses have frequently been based on cognitive tests.

The ADDF has long supported the development of Alzheimer's biomarkers, including the first approved beta-amyloid PET scan (Amyvid™), along with novel PET agents and tests of cerebrospinal fluid (CSF). But these tests can be expensive and invasive.

Moreover, as more therapies with targets other than beta-amyloid and tau are developed—addressing a range of aging-related biological changes—we will need more novel, cost-effective biomarkers that can measure changes in these processes.

Acknowledging this unmet need, in 2018, the ADDF formed exciting new collaborations with a coalition of philanthropists including ADDF Co-Founder Leonard A. Lauder, Bill Gates, Jeff and MacKenzie Bezos, the Dolby family, the Charles and Helen Schwab Foundation, and The Association for Frontotemporal Degeneration, among others. Generous funding will enable us to award up to $50 million over the next three years to research aimed at developing cutting-edge Alzheimer's biomarkers and novel diagnostic tools. These include blood tests, eye scans, and digital technologies, like app-based cognitive testing, that can measure multiple targets of aging biology associated with Alzheimer's.

We believe that availability of reliable, affordable, and accessible diagnostic tools will potentially revolutionize our understanding of Alzheimer's disease—allowing us to better understand how the disease progresses, identify the right people for clinical trials, and more accurately monitor their response to treatments.

COGNITIVE VITALITY

PREVENTION... AND THE IMPORTANCE OF BRAIN HEALTH

In the U.S., there are 46 million people estimated to have preclinical (presymptomatic) Alzheimer's disease. Considering that medical advances delaying the onset of Alzheimer's disease by five years may result in a 41% lower prevalence of Alzheimer's, the ADDF believes a greater focus on prevention research is important to have a great impact on reducing the ravages of this disease.

Because we recognize that online education has the potential to reach a vast audience, we continued the development of our signature public education website, CognitiveVitality.org, first introduced in 2014. This site is developed and updated by ADDF's Aging and Alzheimer's Prevention program, whose mission is to evaluate, communicate, and accelerate the scientific evidence for different strategies to prevent brain aging, Alzheimer's disease, and related dementias.

Our team of neuroscientists evaluates and writes about the scientific evidence for and against the safety and efficacy of select foods, drinks, vitamins, supplements, and drugs. Our goal is to provide balanced scientific information, updated regularly, to improve decision making by patients, physicians, and caregivers. Other contents of Cognitive Vitality include first steps to protect your brain health and blog posts on news related to dementia risk and prevention. Recognized for his expertise in this area, the ADDF's Dr. Howard Fillit, among other scientists, doctors, scholars and policy experts, was invited to participate in a panel hosted by the AARP Global Council on Brain Health (GCBH) in 2018 to examine the evidence and gain consensus on whether dietary supplements can impact people's cognitive functions. In addition to these expert discussions, the GCBH relied on information and material from the ADDF and CognitiveVitality.org as well as other reputable websites to develop a comprehensive report.

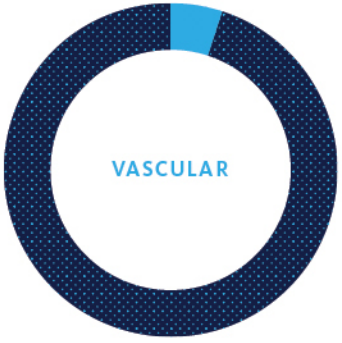
In 2018, the ADDF furthered our commitment to Alzheimer's prevention education and CognitiveVitality.org has acted as a catalyst of several important programs. We collaborated with Richard Isaacson, MD, Director of the Alzheimer's Prevention Clinic at Weill Cornell Medicine, who is also an expert on online education and e-learning. Dr. Isaacson and his team have built web-based brain health lessons for the lay audience as well as for healthcare professionals, the latter of which were accredited by Continued Medical Education (CME). These web-based lessons were based on information available

on Cognitive Vitality. Because of their interactive nature they are designed to increase the amount of knowledge gained as well as the retention of information by people taking the lessons.

We also supported UsAgainstAlzheimer's in their Brain Health Ecosystem Project, which has a goal of developing and advancing the brain health standard of care. Toward this effort, they convened several conferences of key opinion leaders and launched their Campaign for Women's Health to empower women to take informed actions to promote the brain health of themselves and their families.

NEW AND CONTINUING PROGRAMS IN 2018

** Indicates ADDF support of different programs led by the same researcher*



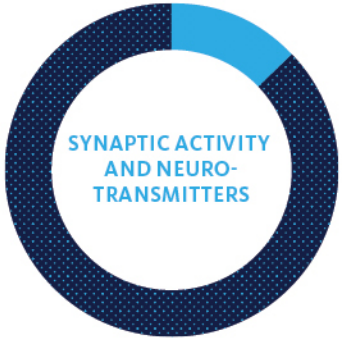
Healthy blood flow is essential for providing neurons with sufficient oxygen and vital nutrients. These researchers are targeting vascular damage to improve brain function.

Narayan Bhat, PhD
Medical University of South Carolina
Preclinical Testing
$230,961

Sandra Black, MD
University of Toronto
Clinical Phase 2
$1,442,388

Atticus Hainsworth, PhD
St. George's University of London
Clinical Phase 2
$464,992

Ihab Hajjar, MD
Emory Univeristy
Clinical Phase 2
$973,777



Neurotransmitters carry signals across synapses, which are connections between neurons. These processes are critical for memory and cognition.

Susan Birren, PhD
Brandeis University
Preclinical Testing
$461,910

Barbara Borroni, MD
Univeristy of Brescia
Clinical Phase 2
$90,000

Mauro Costa-Mattioli, PhD
Baylor College of Medicine
Target Validation
$150,000

Jeffrey Cummings, MD
Cleveland Clinic
Clinical Phase 2
$1,228,000

Michela Gallagher, PhD
AgeneBio, Inc.
Clinical Phase 3
$150,000

Giacomo Koch MD, PhD
Santa Lucia Foundation
Clinical Phase 2
$250,000

Chien-liang Lin, PhD
Ohio State University
Lead Optimization
$640,164

Paul Newhouse, MD*
Vanderbilt University Medical Center
Clinical Phase 1
$1,271,174
&
Clinical Phase 2
$539,799

Ana Pereira, MD
Icahn School of Medicine at Mount Sinai
Clinical Phase 2
$406,000

Dianne Perez, PhD
Cleveland Clinic Foundation
Lead Optimization
$381,340

Jerri Rook, PhD
Vanderbilt Center of Neuroscience
Drug Discovery
Preclinical Testing
$150,000

Sharon Rosenzweig-Lipson, PhD*
AgeneBio, Inc.
Clinical Phase 3
$798,087
&
Lead Optimization
$750,000

These scientists are investigating drugs that protect against inflammation in the brain caused by disease and injury, which can accelerate or trigger Alzheimer's.

Elizabeth Bradshaw, PhD
Brigham & Women's Hospital
Screening
$150,000

Joseph Foss, MD
NeuroTherapia, Inc.
IND-Enabling
$1,665,725

Thota Ganesh, PhD
Emory University
Preclinical Testing
$314,700

Milton Greenberg, PhD
Vivreon Biosciences, LLC
Lead Optimization
$150,000

Clive Holmes, PhD
University of Southampton
Clinical Phase 2
$533,330

Masashi Kitazawa, PhD
University of California, Irvine
Preclinical Testing
$328,000

Alexandros Makriyannis, PhD
Northeastern University
Lead Optimization
$425,000

Christopher Norris, PhD
University of Kentucky Research Foundation
Preclinical Testing
$257,552

John Olichney, MD
University of California, Davis School of Medicine
Clinical Phase 2
$434,991

Michael Parker, DPhil, FAA, FAHMS
St. Vincent's Institute of Medical Research
Screening
$345,754

Paolo Pevarello, PhD
Axxam SpA
Lead Optimization
$300,000

Paul Thompson, PhD
University of Massachusetts Medical School
Preclinical Testing
$150,000

D. Martin Watterson, PhD
NeuroKine Therapeutics
IND-Enabling
$150,000

Manfred Windisch, PhD
NeuroKine Therapeutics
Clinical Phase 1
$860,500

Shijun Zhang, PhD
Virginia Commonwealth University
Preclinical Testing
$130,000

Danna B. Zimmer, PhD
University of Maryland School of Medicine
Preclinical Testing
$150,000

These investments include comparative effectiveness and clinical research of prevention strategies to lower the risks of developing dementia.

Deborah Blacker, MD, ScD
Harvard Medical School
$25,000

Marek Brzezinski, MD, PhD
University of California, San Francisco
$300,000

Sharon Inouye, MD, MPH
Hebrew SeniorLife
$1,069,609

Richard Isaacson, MD
Weill Medical College of Cornell University
$100,000

Kejal Kantarci, MD, MS
Mayo Clinic Rochester
$66,094

Lenore Launer, PhD
Intramural Research Program,
National Institute on Aging
$80,264

Nathalie Pochet, PhD
Brigham & Women's Hospital
$135,000

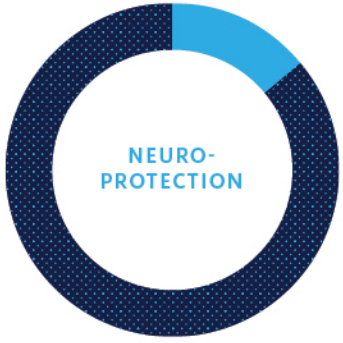
Phillip Tully, PhD, Mpsych, BHSc
University of Adelaide
$99,363

Bruno Vellas, MD
Toulouse Centre of Excellence in Neurodegeneration, University Hospital Toulouse
$300,000

Galit Weinstein, PhD
University of Haifa, Israel
$82,789

Kristine Yaffe, MD
University of California, San Francisco
$100,000

George Vradenburg
UsAgainstAlzheimer's Network
$1,000,000



As Alzheimer's progresses, neurons (or nerve cells) lose their connections and begin to die, causing the loss of memory and other cognitive functions. These scientists are exploring "neuroprotective" treatment strategies to shield neurons from damage and death.

Carmela Abraham, PhD
Boston University School of Medicine
Lead Optimization
$451,809

Roberta Diaz Brinton, PhD
University of Arizona
Clinical Phase 1 & 2
$938,898

Nigel Cairns, PhD
Washington University in St. Louis
Preclinical Testing
$156,990

Valina Dawson, PhD
Johns Hopkins School of Medicine
Lead Optimization
$167,858

Pontus Forsell, PhD
AlzeCure Foundation
Lead Optimization
$456,905

Thomas Franke, MD, PhD
Icahn School of Medicine at Mount Sinai
Lead Optimization
$256,435

Justin Ichida, PhD
University of Southern California
Preclinical Testing
$150,000

Leen Kawas, PhD
M3 Biotechnology, Inc.
Clinical Phase 1
$1,397,630

Frank Longo, MD, PhD
PharmatrophiX
Clinical Phase 2
$650,000

Michael Peel, PhD
Cypralis Ltd
Lead Optimization
$523,940

Irina Pikuleva, PhD
CWRU School of Medicine
Clinical Phase 2
$794,596

William Ray, PhD
MD Anderson
Lead Optimization
$538,620

Scott Sneddon, PhD
Sharp Edge Labs, Inc.
Assay Development
$188,800

Grace Stutzmann, PhD
NeuroLucent & Chicago Medical School
Lead Optimization
$566,927

Sung Ok Yoon, PhD
Ohio State University
Preclinical Testing
$200,802

Yan Zhang, PhD
The University of Texas at Austin
Lead Optimization
$350,000

These scientists are pursuing approaches to prevent or clear the accumulation of misfolded proteins, which causes damage to brain cells.

Dirk Beher, PhD
Asceneuron SA
Lead Optimization
$325,000

Travis Dunckley, PhD
Arizona State University Foundation
Preclinical Testing
$251,154

Steven Finkbeiner, MD, PhD
The J. David Gladstone Institutes
Assay Development
$150,000

Kevin Hodgetts, PhD
Brigham & Women's Hospital
Preclinical Testing
$153,410

Christopher Hulme, PhD
University of Arizona
Lead Optimization
$99,964

Janice Kranz, PhD
Eikonizo Therapeutics, Inc.
Clinical Phase 1
$841,062

Thomas Kukar, PhD
Emory University
Preclinical Testing
$150,000

Salvatore Oddo, PhD
Banner Sun Health Research Institute
Preclinical Testing
$242,000

Yukari Perrella, MBA
Yuma Therapeutics Corporation
IND-Enabling
$556,174

Brent Stockwell, PhD
Columbia University
Lead Optimization
$120,000

Raymond Scott Turner, MD, PhD
Georgetown University
Clinical Phase 2
$2,104,000

Xinglong Wang, PhD
Case Western Reserve University
School of Medicine
Screening
$150,000

Biomarkers are tools used to diagnose a disease and assess its progression and response to treatment. These researchers aim to develop more accurate biomarkers for clinical trials.

Adam Boxer, MD, PhD
University of California, San Francisco
$75,000

Massimo Filippi, PhD
Fondazione Centro San Raffaele
$125,000

Sam Gandy MD, PhD
Icahn School of Medicine at Mount Sinai
$187,069

Lawrence Honig MD, PhD*
Taub Institute-Columbia University
$125,000
&
$125,000

Jacob Hooker, PhD
Massachusetts General Hospital
$400,000

Tamara Maes, PhD
Oryzon Genomics SA
$300,000

Gerard Nuovo, MD
Gnome Diagnostics, LLC
$181,750

Blaine Roberts, PhD
Howard Florey Institute
$149,518

Dennis Selkoe, MD
Brigham & Women's Hospital
$307,782

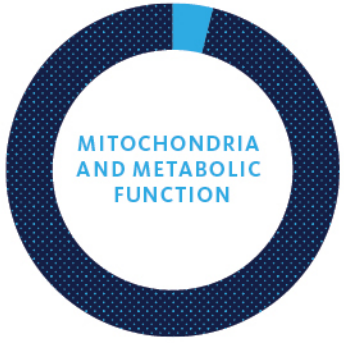
Keith St Lawrence, PhD
Lawson Health Research Institute
$163,626

Peter Stys, MD
University of Calgary
$293,369

Neil Vasdev, PhD
Massachusetts General Hospital
$331,805

Paul Worley, MD
Johns Hopkins School of Medicine
$160,000

Ying Wu, MD
NorthShore University HealthSystem
Research Institute
$85,300



As we age, mitochondria, the energy center of our cells, can become impaired. These researchers are developing drugs targeting this dysfunction.

Paul Edison, PhD
Imperial College of Science,
Technology and Medicine
Clinical Phase 2
$798,540

Gary Gibson, PhD
Burke Medical Research Institute
Clinical Phase 2
$750,000

Eugenia Trushina, PhD
Mayo Clinic Rochester
Lead Optimization
$900,000

These therapies target genetic risk factors like APOE and epigenetics, which regulate how much genes are expressed.

Miles Berger, MD, PhD
Duke University Medical Center
Clinical Phase 2
$1,631,197

Ronald Crystal, MD
Weill Medical College of Cornell University
Clinical Phase 1
$3,006,472

Bradley Hyman, MD, PhD
Harvard Medical School
Preclinical Testing
$250,000

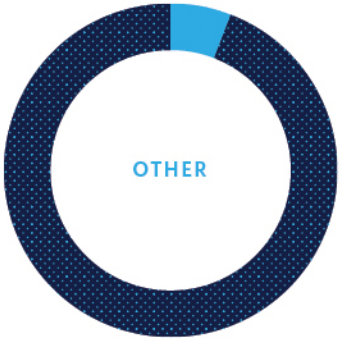
Kent Leslie, Msc
Amylyx Pharmaceuticals, Inc.
Clinical Phase 2
$928,234

Berkley Lynch, PhD
Rodin Therapeutics
Preclinical Testing
$161,759

Pavel Petukhov, PhD
University of Illinois at Chicago
Lead Optimization
$142,100

Evgeny Rogaev, PhD
University of Massachusetts - Lowell
Preclinical Testing
$342,429

Xiang (Simon) Wang, PhD
Howard University College of Pharmacy
Screening
$110,000



Alison Drone, MA
Foundation for the National Institutes of Health, Inc.
$5,000

Edward Huey, MD
Columbia University
Clinical Phase 2
$532,335

Krista Lanctôt, PhD
Sunnybrook Research Institute, University of Toronto
Clinical Phase 2
$229,284

Joe Menetski, PhD
Foundation for the National Institutes of Health, Inc.
$50,000

Richard Mohs, PhD
Global Alzheimer's Platform Foundation
$100,000

Meredith Upton
Foundation for the National Institutes of Health, Inc.
$100,000

Michael Weiner, MD
University of California, San Francisco
$100,000

2018 EVENT HIGHLIGHTS


Leonard A. Lauder, Kim Campbell


Ian Ginsberg, Stephanie Ginsberg


Marlee Berliner, Roni McGuffog, Stephanie Ginsberg, Rachel Williams

MEMORIES MATTER

April 10, 2018 | New York City

Guests discussed the latest advances in Alzheimer's research over dinner while enjoying musical guest The Nancy Atlas Project and bidding on a silent auction


Wendy Wilshin, Ronald Dickerman

PREMIERE HOPE ON THE HORIZON PALM BEACH LUNCHEON

March 13, 2018 | Palm Beach

Hosted by actress and philanthropist Jane Seymour, this event honored Kim Campbell, founder Careliving.org


Nancy Goodes, Jan Willinger, Kim Campbell, Leonard A. Lauder, Jane Seymour


Wolf Blitzer


Karen Katz, John Demsey

Eigth Annual

GREAT LADIES LUNCHEON AND FASHION SHOW

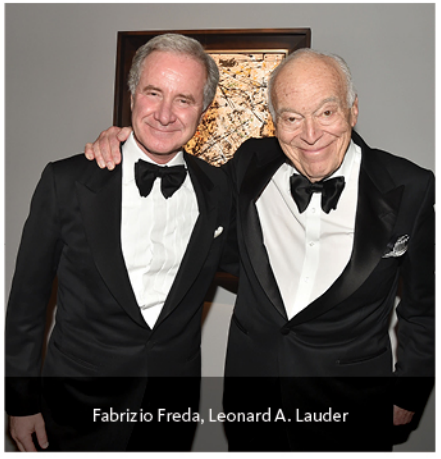
April 18, 2018 | Washington D.C.

Hosted by CNN Lead Political Anchor Wolf Blitzer, this event honered the Neiman Marcus Group, with a special runway show by Etro


Marc and Elise Lefkowitz

2018 EVENT HIGHLIGHTS


Aerin Lauder, Ronald S. Lauder, Jane Lauder


Fabrizio Freda, Leonard A. Lauder

Twelfth Annual

CONNOISSEUR'S DINNER

May 3, 2018 | New York City

Annual Gala honoring Fabrizio Freda, President and CEO, The Estée Lauder Companies, featured an exclusive art preview and wine pairings


Paul Fribourg, Judy Glickman Lauder, Paula Zahn, Mary-Ann Freda, Fabrizio Freda, Leonard A. Lauder


Louis Caceres, Nancy Goodes, Melanie Caceres, Brittany Caceres, David Goodes, Michelle MacDonald, John Goodes


Chris Johnson, Sharon Sager


Dr. Richard Isaacson, Dr. Howard Fillit, Paula Zahn, Dr. Mark Mintun and Dr. Michelle Mielke


Leonard A. Lauder, Dr. Michaela Gallagher, Dr. Howard Fillit, Dr. Martin Watterson, Nancy Goodes, Dr. Frank Longo, Dr. Roberta Diaz-Brinton, Ronald S. Lauder

Fourth Annual

MELVIN R. GOODES PRIZE

September 17, 2018 | New York City

We were proud to present the 2018 Melvin R. Goodes Prize to Michela Gallagher, PhD


Donald Newhouse, Paula Zahn, Judy Glickman Lauder, Leonard A. Lauder, David R. Weinreb, Ana Laspetkovski, Gary M. Lauder


Iris Apfel, Neil Weinreb, David R. Weinreb

Ninth Annual

FALL SYMPOSIUM AND LUNCHEON

November 2, 2018 | New York City

With a theme of "Hope on the Horizon" our luncheon honored David R. Weinreb

OUR SUPPORTERS

We are deeply grateful to all those who supported our work in 2018. Your generosity gives us hope for a future without Alzheimer's disease.

$1,000,000 AND ABOVE

Anonymous (2)
Association for Frontotemporal Degeneration
Charles and Helen Schwab Foundation
Dagmar Dolby Fund
Foundation for a Better World
Gates Ventures
Judy and Leonard A. Lauder

$500,000 - $999,999

David A. and Mildred H. Morse Charitable Trust
Roslyn Goldstein
Jo Carole and Ronald S. Lauder
Joan Sutton Straus

$250,000 - $499,999

Natasha and David Dolby
Susan and Thomas Lowder
Catherine and Michael Podell
The S Family Charitable Foundation

$100,000 - $249,999

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David R. Weinreb
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All Members as of December 31, 2018

LEADERSHIP

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The Board of Overseers is an advisory body committed to providing counsel and support to the ADDF Board of Governors and staff. Overseers lend their expertise to advance the ADDF's mission to accelerate the discovery of drugs to prevent, treat and cure Alzheimer's disease. Overseers are appointed by and serve at the pleasure of the Board of Governors.

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All Members as of December 31, 2018

2018 FINANCIAL OVERVIEW

**Full audited 2018 financials available by request*

STATEMENT OF FINANCIAL POSITION

ASSETS		2018	2017
Cash & cash equivalents	$	6,688,572	4,281,702
Investments, at fair value		47,708,468	26,571,127
Contributions receivable		35,523,444	14,902,876
Due from Institute for the Study of Aging, Inc		-	86,761
Other assets		117,739	130,943
Total Assets		**90,038,223**	**45,973,409**
LIABILITIES & NET ASSETS			
Liabilities			
Accounts payable & accrued liabilities		12,203	33,568
Grants payable		29,988,071	25,433,267
Due to Institute for the Study of Aging, Inc		168	-
Deferred revenue		103,900	199,247
Total liabilities		**30,104,342**	**25,666,082**
Net Assets			
Without donor restrictions		24,729,290	5,226,794
With donor restrictions		35,204,591	15,080,533
Total net assets		**59,933,881**	**20,307,327**
Total liabilities & net assets	$	**90,038,223**	**45,973,409**

STATEMENT OF ACTIVITIES

CHANGE IN NET ASSETS		2018			2017
Support & Revenues		Without Donor Restrictions	With Donor Restrictions	Total	Total
Support:					
Contributions & grants	$	6,003,608	$44,106,822	$50,110,430	$10,011,228
Contributions of in-kind services from the Institute for the Study of Aging, Inc		3,665,626	—	3,665,626	3,502,147
Proceeds from special events, net of direct expenses		4,043,790	—	4,043,790	3,266,247
Net assets released from restrictions		24,004,122	24,004,122	—	—
Revenues:					
Grant returns		1,111,911	21,358	1,133,269	568,283
Conference registration fees & other income		151,293	—	151,293	187,548
Investment Income		378,458	—	378,458	361,984
Total support & revenues		**39,358,808**	**20,124,058**	**59,482,866**	**17,897,437**
Expenses					
Program services:					
Grants		18,468,664	—	18,468,664	16,566,234
Unexecuted prior year grants		3,824,811	—	3,824,811	325,000
Other		2,445,626	—	2,445,626	2,237,637
Total program services		**17,089,479**	**—**	**17,089,479**	**18,478,871**
Support services:					
Fund raising		1,817,730	—	1,817,730	2,163,272
Management & general		949,103	—	949,103	538,963
Total supporting services		2,766,833	—	2,766,833	2,702,235
Total expenses		**19,856,312**	**—**	**19,856,321**	**21,181,106**
Change in net assets		**19,502,496**	**20,124,058**	**39,626,554**	**3,283,669**
Net assets, beginning of year		**5,226,794**	**15,080,533**	**20,307,327**	**23,590,996**
Net assets, end of year	$	**24,729,290**	**35,204,591**	**59,933,881**	**20,307,327**

100%

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All fundraising and management expenses are underwritten by our founders, so your entire donation funds the most innovative drug research around the world.

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Alzheimer's
Drug Discovery
Foundation

Founded in 1998 by Leonard A. Lauder and Ronald S. Lauder, the Alzheimer's Drug Discovery Foundation (ADDF) is the only philanthropy solely focused on accelerating the development of drugs to prevent and treat Alzheimer's disease. Its venture philanthropy approach and scientific expertise allows the ADDF to support the most promising ideas around the world. And 100% of your donation funds drug research programs.

To learn more, visit AlzDiscovery.org.

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