

Alzheimer's **Drug Discovery** Foundation

DRIVING

2017 ANNUAL REPORT

IJON

disease, without limits." Our Active Programs in 2017: \$42.5 Million 98 Researchers Other (circles sized by amount invested) Neuroprotection Misfolded Proteins Synaptic Activity & Genetics & Epigenetics Neurotransmitters Prevention Vascular **Biomarkers** Mitochondria -Inflammation & Metabolic Function

"Our goal is to support the best new ideas to cure Alzheimer's disease, without limits."



### Dear Friends,

When we founded the Alzheimer's Drug Discovery Foundation (ADDF) nearly 20 years ago, we decided to do things differently. We designed the ADDF as a venture philanthropy to fuel innovation.

Too often, new ideas are dismissed as risky or unproven and can't get funding. Our goal was to support the best new ideas to cure Alzheimer's disease, without limits. Today, we have funded over 560 pioneering drug research programs with total support of over \$130 million.

In many cases, we were the first funder and helped a program get off the ground. We seed-funded what would become Amyvid,<sup>™</sup> the first FDA-approved diagnostic test for Alzheimer's.

Remail Lander FONARD A. I AUDE

Co-Chairman and Co-Founder

In 2017 alone, the ADDF committed over \$16 million towards 30 programs. This funding led to a few more firsts, which you will learn about in this report.

As others are leaving Alzheimer's drug research, we are reaffirming our commitment and directing even more of our resources to getting innovative drugs into clinical trials.

We can't afford to play it safe against a disease as devastating as Alzheimer's. Your generosity allows the ADDF to keep taking the risks that will lead us to a cure.

Together we will conquer Alzheimer's.

With our deepest thanks,

Jonar D.,

Co-Chairman and Co-Founder



### Inside this report: INNOVATION IN THE PIPELINE



### Dear Friends,

Leonard Lauder and Ronald Lauder created the Alzheimer's Drug Discovery Foundation to pursue innovation in Alzheimer's drug research.

Innovation has come to mean a lot of things over the last 20 years. For the ADDF, it has always meant taking risks on new ideas to cure Alzheimer's. In this field, you can't afford to have too many assumptions. Because our understanding of the mechanisms underlying Alzheimer's is incomplete, new research can upend long-held beliefs.

The ADDF has used innovation to transform the drug pipeline in Alzheimer's disease. We ensure there are more drugs in trials, and that those drugs are better and more diverse. In 2017, we supported the first combination therapy trial focused on two novel targets (page 6). We awarded funding to Dr. Ron Crystal for what, later this year, will be the first APOE gene therapy for Alzheimer's to reach human clinical trials (page 8). And in Boston, we invested in what could potentially become the first blood test for Alzheimer's.

In the spirit of our founders, the ADDF embraces innovation. Thanks to their founding vision and the support of donors like you, we are funding the best ideas to conquer Alzheimer's disease.

Sincerely,

Howard

**HOWARD FILLIT, MD** Founding Executive Director and Chief Science Officer

### Novel Targets

For decades, most funders in our field have focused exclusively on beta-amyloid. Drugs targeting this toxic protein dominated headlines and pharmaceutical pipelines. This was never the case at the ADDF. Beta-amyloid plaques are a hallmark of the pathology of Alzheimer's disease, but may not be a cause. We know that the biology behind how we age has a lot to do with how (and why) people develop Alzheimer's disease. The ADDF has focused our support on programs that target aging biology—from inflammation and oxidation to vascular damage and cellular metabolism. As new findings about the causes of Alzheimer's emerge, we pursue those targets, too.

# HOW INNOVATE

The Alzheimer's Drug Discovery Foundation approaches Alzheimer's in a different way. We actively seek ideas for new drugs that reflect the latest science, not well-worn paths. Our goal is to translate emerging research about the causes of Alzheimer's into drugs to treat it, as quickly as we can. Developing effective drugs for a disease as complex as Alzheimer's is challenging, but we have learned a lot about

### Comprehensive Resources

It takes a large team of experts from diverse disciplines to develop a drug. The ADDF understands that the process can seem daunting, so we created a bevy of resources to eliminate some of the guesswork. We convene two signature conferences each year. The first is an educational meeting that provides a comprehensive how-to on developing drugs for diseases of the central nervous system (CNS), such as Alzheimer's and Parkinson's. The second brings together researchers already working on drugs to share findings, discuss challenges, and form partnerships. The ADDF ACCESS portal matches scientists with contract research organizations that have specific expertise in CNS drugs. It's common to outsource some aspects of drug development, but it is uncommon to know how and where to look for the right company. ACCESS makes the process easier.

### Smart Design

Better targets are only one piece of the puzzle in getting have to design better clinical trials. Too often, promising any benefits to patients. Our goal is to determine a drug's effectiveness as early as possible, so only drugs with strong evidence of effectiveness ever make it to late-stage trials. which can assess whether a drug is engaging its target and slowing, stopping, or even reversing Alzheimer's. The scan—was seed-funded by us.

# COMBI UNBERAP

### Amylyx Pharmaceuticals

ALZHEIMER'S IS COMPLEX, WITH MANY UNDERLYING CAUSES, AND TACKLING MORE THAN ONE WILL LIKELY BE NECESSARY TO EFFECTIVELY TREAT THE DISEASE. Innovation in Alzheimer's research takes many forms. It can involve the drugs being developed, and also how those drugs are tested.

Several years ago, we convened a meeting of experts to discuss combination therapies for Alzheimer's disease. Combination therapies involve two or more drugs, or drugs and lifestyle interventions, given at the same time. It's already the standard of care for many diseases, and we believe it will be for Alzheimer's too. Alzheimer's is complex, with many underlying causes, and tackling more than one will likely be necessary to effectively treat the disease.

In 2017, we made a \$1.85 investment in Amylyx Pharmaceuticals to support a clinical trial of AMX0035, which combines sodium phenylbutyrate and taurour-sodeoxycholic-acid. Sodium phenylbutyrate targets "epigenetic" processes that regulate the expression of several genes that can help protect brain cells from death. TUDCA, meanwhile, affects mitochondria, which help power our cells. As we age, mitochondria can become less efficient and TUDCA can improve that efficiency and keep brain cells healthy.

AMX0035 is one of the first combination therapy trials to target two distinct causes of Alzheimer's, rather than the same one. In this trial, researchers are testing the safety of the therapy and its effect on Alzheimer's. They hypothesize that the drugs given in tandem may produce additional benefits and have designed the trial to provide answers. If the data is positive, they plan to conduct a much larger trial with more patients.

This program was funded in partnership with the Alzheimer's Association.

## Ronald Crystal, MD

"THE APOE4 GENE IS A MAJOR RISK FACTOR FOR THE DISEASE, AND OUR GOAL IS TO HELP PATIENTS WHO HAVE IT." Innovation requires a lot of firsts—you have to be willing to tread new paths. The ADDF has helped many potential therapies for Alzheimer's reach "first in human" trials.

In 2017, we awarded \$3 million to Ronald Crystal, MD, and Gregory Petsko, MD, of Weill Medical College of Cornell University to support the first human trial of an APOE gene therapy for Alzheimer's disease. We began funding this program in 2014, with the goal of getting it to clinical trials as quickly as possible.

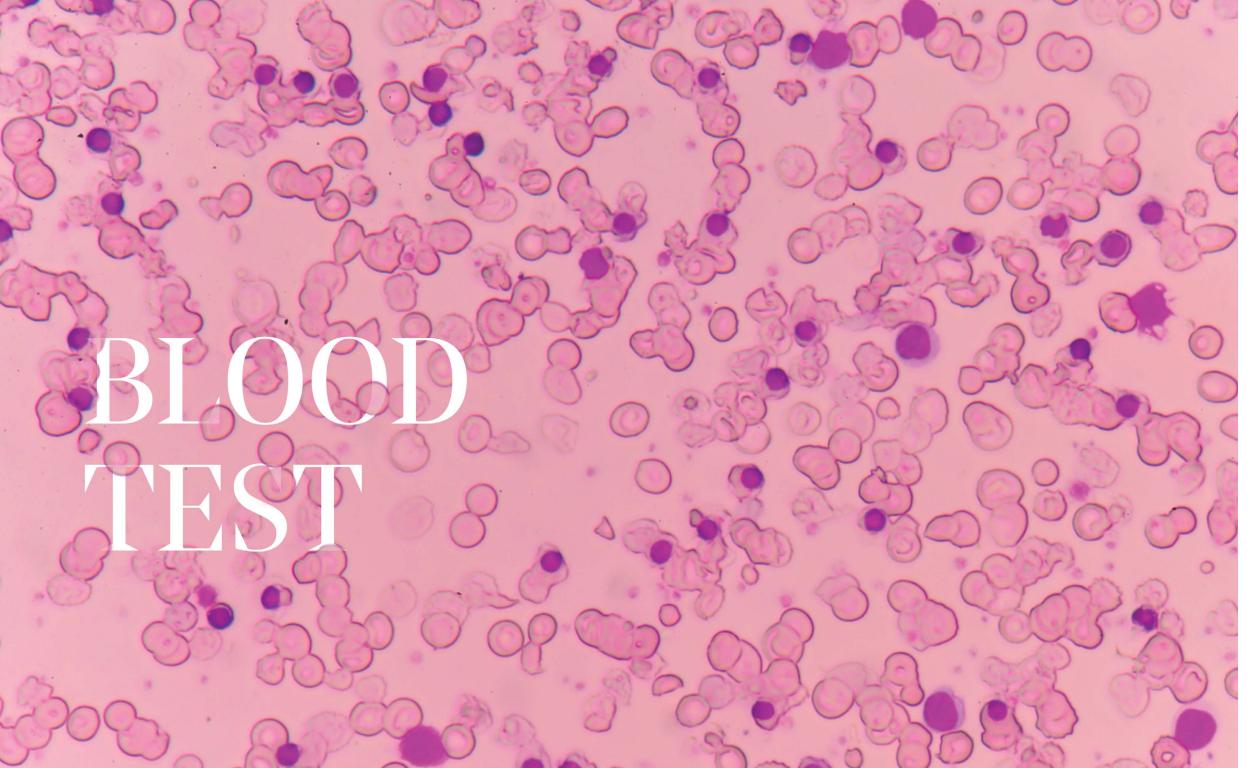
Researchers have found that the APOE gene affects risk for Alzheimer's disease. The APOE2 gene variant lowers risk while APOE4 increases it. The gene therapy program from Dr. Crystal and Dr. Petsko is designed to replace APOE4 with APOE2. This could be used both as a preventative and a treatment to slow Alzheimer's in people with the APOE4 gene.

Dr. Crystal previously developed a gene therapy method using a viral vector and has successfully tested it in trials for another neurological disease. He says: "The ADDF has enabled my team to use what we'd learned already to develop this therapy for Alzheimer's. The APOE4 gene is a major risk factor for the disease, and our goal is to help patients who have it."

This phase 1 trial will test the therapy in a small number of patients who have mild cognitive impairment or early Alzheimer's. If it proves safe and show evidence of effectiveness, they plan to test in a larger trial.



# GENE THERAPY



## *Dominic Walsh, PhD*

THE GOAL IS DEVELOP A BLOOD TEST THAT COULD DIAGNOSE PEOPLE WITH ALZHEIMER'S A persistent problem in Alzheimer's research is the lack of available diagnostic tools. There are FDA-approved PET scans as well as tests of cerebral spinal fluid, but these are expensive and invasive. The result is that Alzheimer's patients are often diagnosed in late stages or misdiagnosed with other diseases. These patients don't receive proper care or become eligible to participate in clinical trials of potential new treatments. We need more options.

The ADDF awarded \$300,00 to Dominic M. Walsh, PhD, of Brigham & Women's Hospital to develop a blood test for Alzheimer's. Recent research found that brain cells release "packages" called extracellular vesicles. These vesicles have contents similar to brain cells and can pass into the blood stream.

With this funding, Dr. Walsh is working to isolate these vesicles and examine their levels of tau and beta-amyloid, two proteins that are involved in Alzheimer's disease. His research will determine if protein levels in vesicles can be used as a diagnostic for Alzheimer's disease.

The goal is develop a blood test that could diagnose people with Alzheimer's or those at risk for it. Such a test would be inexpensive and simple enough to be done during a routine doctor's visit. Correctly diagnosing large numbers of people would dramatically increase the volunteer pool for clinical trials and speed the progress of medications to prevent and treat Alzheimer's.

### *Sharon Inouye, MD, MPH*

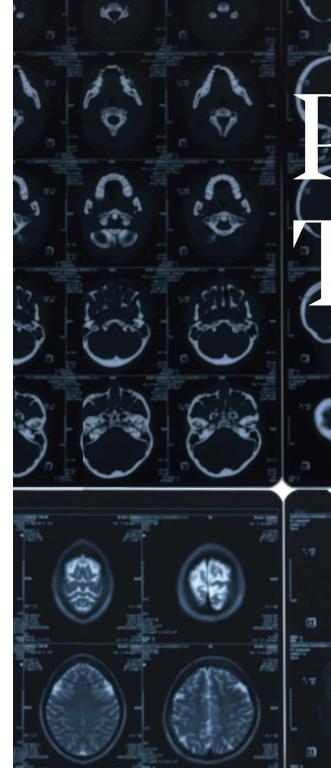
RESEARCH INTO THE CAUSES OF ALZHEIMER'S ARE PROVIDING INSIGHTS INTO HOW TO STOP IT Preventing Alzheimer's and age-related cognitive problems is an essential part of our work. New biomarkers are enabling us to identify patients in the earliest stages of Alzheimer's, and those most at risk of developing it. And research into the causes of Alzheimer's is providing insights into how to stop it.

Research has shown that surgery can lead to cognitive problems in the elderly. As many as 10 million people experience post-operative delirium each year. These patients have at least six times higher risk of developing dementia, which suggests that surgery can accelerate the onset of dementia in high-risk patients.

In 2017, we awarded \$750,000 to Sharon Inouye, MD, MPH to identify patients who are at high risk for post-operative cognitive decline and delirium. Dr. Inouye's study is using plasma, cerebral spinal fluid, and neuroimaging scans to look for markers of inflammation in these patients, because it is a known contributor to Alzheimer's and other forms of dementia.

Her goal is to develop a reliable model to predict which patients are most at risk for post-operative cognitive issues. This model will lay the groundwork for a future clinical trial of anti-inflammatory drugs to prevent long-term cognitive decline following surgery.

Dr. Inouye's research has the potential to prevent delirium in millions of elderly patients and lower their lifetime risk for dementia.







# **ADDF ACCESS:** PROVIDING RESOURCES

To accelerate the development of drugs for Alzheimer's disease.

In 2017, we partnered with Science Exchange to launch the new ADDF ACCESS, an online platform that matches scientists with contract research organizations (CROs). Science Exchange is the world's leading marketplace for outsourced research and was the perfect fit to improve this critical resource.

ADDF ACCESS meets the unique needs of scientists working on central nervous system (CNS) diseases, such as Alzheimer's, by providing a vetted list of companies with expertise in the field. Developing drugs requires a wide range of skills, from medicinal chemistry and pharmacology to project management and regulatory affairs. ACCESS offers resources to help researchers understand the services they need, find the right vendor, and manage their projects.

#### ADDF ACCESS PROVIDES:

A network of CROs and consultants with CNS drug discovery expertise, vetted by the ADDF and Science Exchange

An expert concierge service to match scientists with the right CROs, solicit multiple competitive quotes, and manage projects

A library of educational resources, including a guide to CNS drug discovery and development



field should go.

# **CONFERENCES:** FORGING **CONNECTIONS**

Convening the research community—at conferences, panels, and meetings—is a vital part of our mission. We connect with scientists and catch up on their work. We also look ahead—to the next generation of researchers and where the

In February, 2017, we held our Drug Discovery for Neurodegeneration Conference in San Diego. This annual conference is designed to educate scientists on how to translate their research findings into new therapeutics. It began with a key piece of the puzzle-funding. Speakers including Dr. Lorenzo Refolo from the National Institute on Aging explained how to apply for federal and nonprofit support. The conference concluded with sessions on how to commercialize a drug. Dr. Frank Longo offered insights into how he developed a drug in academia and then founded the small biotechnology company PharmatrophiX to continue his work.

In September, the ADDF team headed to Jersey City for our 18th Conference on Alzheimer's Drug Discovery, which was the largest in its history. This year's event focused on novel targets for Alzheimer's therapies, such as inflammation, epigenetics, and neuroprotection. The ADDF invests in these innovative

approaches, but few other funders do. The conference shined a light on these bold researchers, gave them the opportunity to discuss their work with likeminded colleagues, and encouraged new partnerships to advance their projects.

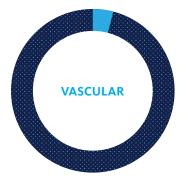
Last year we also held advisory panels on exploratory clinical trial design and another on biomarkers. The ADDF organizes such invite-only meetings when we believe the field needs to address a lingering issue or agree on an approach to an emerging opportunity. Previous years' panels on topics ranging from combination therapies to repurposing cancer drugs for Alzheimer's led to consensus and, in each case, new programs in human clinical trials.

In addition to the events we organize, ADDF staff also participate in other important meetings in the field. In 2017, our scientists presented at the BIO International Convention and the Health Research Alliance Annual Meeting, among others.

We thank everyone who attended an ADDF event or panel, and we hope to see you again this year.

# New & Continuing Programs in 2017

\*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.

Hyung Jin Ahn, PhD The Rockefeller University Lead Optimization \$150,000

Naravan Bhat. PhD Medical University of South Carolina Preclinical Testing \$230,961

Sandra Black. MD University of Toronto Clinical Phase 2 \$450,000

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

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

Olga Meulenbroek, PhD Radboud University Medical Centre Clinical Phase 3 \$380,224



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

Barbara Borroni, MD University 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 \$1,000,000

Mark Gurney, PhD Tetra Discovery Partners Clinical Phase 1 \$866,835

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

Allan Levey, MD, PhD Emory University School of Medicine Clinical Phase 2 \$447,900

Chien-liang Lin, PhD Ohio State University Lead Optimization \$420,164

Iohn Lisman. PhD<sup>+</sup> Brandeis University Preclinical Testing \$461,910

Paul Newhouse, MD\* Vanderbilt University Medical Center Clinical Phase 1

\$1,271,174 Clinical Phase 2 \$539,798

Ana Pereira. MD The Rockefeller University Clinical Phase 2 \$50,000

Jerri Rook, PhD\* Vanderbilt Center of **IND-Enabling** \$150,000 Preclinical Testing \$150,000

AgeneBio Inc Lead Optimization

\$750,000 Clinical Phase 3

8

\$798,087

+ Dr. Lisman passed away in 2017 and we extend our condolences to his family, friends, and colleagues

Neuroscience Drug Discovery

Sharon Rosenzweig-Lipson, PhD\*



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

Ottavio Arancio, MD, PhD Columbia University **IND-Enabling** \$423,161

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 \$213,700

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

Philip Haydon, PhD GliaCure. Inc. Clinical Phase 1 \$1.000.000

**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 Fdtn. Preclinical Testing \$257,552

John Olichney, MD UC Davis School of Medicine Clinical Phase 2 \$434,991

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

Paul Thompson, PhD UMass Medical School Preclinical Testing \$150,000

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

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

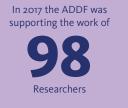
\$750,000

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

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

George Vradenburg USAgainstAlzheimer's Network \$1,000,000

Galit Wainstein. PhD University of Haifa, Israel \$82,789





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—Health Sciences 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 NYU School of Medicine Lead Optimization \$256,435

lustin Ichida. PhD University of Southern California Preclinical Testing \$150,000

Leen Kawas, PhD M<sub>3</sub> 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 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

Lead Optimization \$566,927

CWRU School of Medicine

Grace Stutzmann, PhD NeuroLucent & Chicago Medical School 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 pursuina 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 Preclinical Testing \$149,002

Kevin Hodgetts, PhD Bringham and Women's Hospital Preclinical Testing \$153,410

Donald Lo, PhD Duke University Medical Center Screening \$149,603

Giovanna Mallucci, MD, PhD Cambridge University Preclinical Testing \$268,634

Salvatore Oddo. PhD

Banner Sun Health Research Institute Preclinical Testing \$242,000

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

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

> The ADDF has funded drug discovery programs in





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

Mari DeMarco, PhD University of British Columbia \$164,990

Steven Estus, PhD University of Kentucky Research Foundation \$117,000

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

Michelle Mielke, PhD Mayo Clinic Rochester \$6,960

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

Ashish Raj, PhD BrainWire LLC \$275,400

Blaine Roberts. PhD Howard Florey Institute \$149,518

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

Peter Stys, MD University of Calgary \$293,369

Charlotte Teunissen. PhD VU University Medical Center \$150,000

Neil Vasdev, PhD Massachusetts General Hospital \$331,805

Dominic Walsh, PhD Brigham & Women's Hospital \$307,782

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, MD, PhD Imperial College of Science, Technology and Medicine Clinical Phase 2 \$458,000

Gary Gibson, PhD Burke Medical Research Institute Clinical Phase 2 \$250,000

Lead Optimization \$900,000



are expressed.

Bradley Hyman, MD, PhD Preclinical Testing \$250,000

Eugenia Trushina, PhD Mayo Clinic Rochester

> **GENETICS AND EPIGENETICS**

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

Harvard Medical School

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

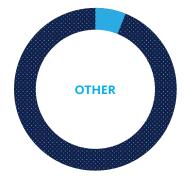
**Berkley Lynch, PhD** Rodin Therapeutics Preclinical Testing \$161,759

Tamara Maes, PhD Oryzon Genomics SA Clinical Phase 1 \$270,000

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



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

Krista Lanctôt. PhD Sunnybrook Research Institute, University of Toronto Clinical Phase 2 \$219,286

**Richard Mohs. PhD** Global Alzheimer's Platform Fdtn. Clinical \$100,000

Michael Weiner, MD UC San Francisco Clinical \$100.000

### **Every Drug is a** Chance at a Cure.

# **2017 EVENT** HIGHLIGHTS



Fillit, Nancy Goodes

Quinn Bradlee, Sally Quinn, Elise and Marc efkowitz



Jan Smith, Megan Beyer, Thomas Pheasant,

Seventh Annual **GREAT LADIES LUNCHEON & FASHION SHOW** April 26, 2017 | Washington, D.C. Honoring Sally Quinn, with a fashion

show from Brunello Cucinelli

udy Woodruff





Leonard A. Lauder, Lorraine Wallace



Ronald S. Lauder, Tad Smith, Leonard A. Lauder

Eleventh Annual **CONNOISSEUR'S DINNER** May 10, 2017 | NYC Annual gala honoring Tad Smith of Sotheby's, featuring an exclusive art preview and wine pairings



Medler, Tom Savage



o Carole and Ronald S. Laude Sheila J. Robbins



Steve Leber





Dr. Roberta Diaz Brinton, **Dr. Howard Fillit** 





#### Third Annual

#### **MELVIN R. GOODES PRIZE** September 14, 2017 | NYC We were proud to present the 2017 Melvin R. Goodes Prize to Roberta Diaz Brinton, PhD



Rachel Leeds, Melanie Caceres, David Goodes Dr. Roberta Diaz Brinton, Michelle MacDonald





Thomas and Heidi McWilliams





Eighth Annual **FALL SYMPOSIUM &** LUNCHEON October 27, 2017 | NYC Hosted by Paula Zahn, honoring Sharon T. Sager

### Giving in Memory

When Robin Gerson passed away, her beloved spouse and advisor to the Lauder family for over 30 years, Dave, decided to pay tribute to her by establishing a memorial program with the Alzheimer's Drug Discovery Foundation. Contributions in Robin's memory were directed to the ADDF. David's kind gesture helped the ADDF support a study at Emory University, their son's alma mater, which is developing a drug to stop the progression of Alzheimer's disease.

The contributions in Robin's name had an immediate impact, providing critical funding to help the drug advance through the pipeline and get one step closer to being tested in humans—one of the most critical stages of any drug's development.

We remain deeply grateful to David for this thoughtful act, as well as to Robin's many family and friends for honoring her life in this way.

### **OUR SUPPORTERS**

We are deeply grateful to all those who supported our work in 2017. Your generosity gives us hope for a future without Alzheimer's disease.

#### \$500,000 AND ABOVE

Anonymous Renée and Robert Belfer Charles and Helen Schwab Foundation Lady Lynn Forester de Rothschild and Sir Evelyn de Rothschild Jo Carole and Ronald S. Lauder Judy and Leonard A. Lauder

#### \$250,000-\$499,999

Anonymous Ray and Dagmar Dolby Family Fund Phoebe and Edwin Rice

#### \$100,000-\$249,999

Association for Frontotemporal Degeneration Eli Lilly and Company

The Estée Lauder Companies Inc. David A. and Mildred H. Morse Charitable Trust Caroline Fitzgibbons and Tad Smith Nancy and Melvin R. Goodes Frances and Nathan Kirsh Lattner Family Foundation Elise and Marc Lefkowitz Linda Mirels National Institutes of Health Donald E. Newhouse Lizabeth Furman Sandler and Randal Sandler Joan Sutton Straus Carolyn and Malcolm Wiener

#### \$50,000-\$99,999 A.P. Kirby, Jr. Foundation, Inc. Bloomberg Philanthropies

The Calvin Klein Family Foundation The Chisholm Foundation Joyce Cowin Howard Greenberg Gallery Hues for You, LLC Judy Lauder Laura and Gary Lauder Laurence C. Leeds, Jr. Melvin R. Goodes Family Foundation Pfizer Inc. Michael and Catherine Podell Anne and J. Christopher Reves Yosun and Olivier Reza Nathan E. Saint-Amand Samuel I. Newhouse Foundation. Inc. Mia and Sheldon Solow Pam and Allen B. Swerdlick

#### \$25,000-\$49,999 Hope and Marc Altheim Carol Seabrook Boulanger

Rose Marie Bravo and William Jackey Cvnthia Breen and Laurie Dowley Bettina and Donald Bryant Melanie and Louis Caceres CB Richard Ellis Caryn J. Clayman Ernst & Young LLP Katherine Farley and Jerry Speyer Marilyn and Sam Fox Julie and Philip Geier Michael Goss Audrey and Martin Gruss Bobba Paul Hauserman **IP** Morgan Chase Amy and Mitchell Kaneff Randi and Clifford Lane

The Lauder Foundation Bonnie Englebardt Lautenberg Beatrice Liu and Philip Lovett Susan Lloyd Macy's, Inc. The Margaret and Daniel Loeb-Third Point Foundation Nancy and Howard Marks Carlyn and John McCaffrey Kathy Newhouse Mele and Ioseph Mele Georgia Melenikiotou-Garinois and Philippe Garinois Merck Research Laboratories Mount Sinai Medical Center Nucor Construction Corp. Susan and Alan Patricof The Ralph and Ricky Lauren Family Foundation, Inc. Amy and James Regan Margaret Rice Lois Robbins and Andrew Zaro

### I. Loring Swasey Bonny Sanchez Giselle Wagner and Paul Myerson Jan Willinger and Robert Spiegel Wendy Wilshin and

#### \$10,000-\$24,999

The Alice Lawrence Foundation. Inc. Judy Angelo Aon Foundation Arcade Beauty Carol and Jack Aten Ruth Baum Beacon Trust

Sharon Sager and Janet and Charles Seidler Staples Business Advantage Thomas W. Smith Foundation Barbara and Donald Tober Carol and Michael Weisman Ronald Dickerman Paula Zahn and Paul Fribourg Alison and Boniface Zaino

Pennie and Gary Abramson Iennifer and Claude Amadeo Shelley and Robert Banks

Grace and Morton Bender Jessica and Natan Bibliowicz Faith and Philip Bobrow Bramshill Investments, LLC. Cheryl M. Burgess Linda and Arthur Carter Kristin and John Cecchi Marcella and Neil Cohen Ieanne Coleman Colliers International Kurt and Gina Conti Carole Cooper and **Richard Leibner** Edgewood Management LLC. Ehrenkranz Partners Annette and Mitchell Fichen Marv C. Farrell First Republic Bank Claire Foerster and Daniel S. Bernstein Nanci and Gary Fredkin David Geffen Gerson Bakar Foundation Stephanie and Ian Ginsberg David Goodes Marjorie and Ellery Gordon Michal Grayevsky Elizabeth and Paul Greenbaum Agnes Gund

Howard Gilman Foundation Hudson's Bay Company Susan and Joel Hyatt Katy Kamen Eleanora R. Kennedv Nancy Kestenbaum and David Klafter **KLD** Foundation David H. Komansky William P. Lauder Leibner Cooper Family Foundation Sheri and Seth Leist Serena and John Liew Louis J. and June E. Kay Foundation Michelle MacDonald Maureen and Alan Maguire The Marc Haas Foundation JoAnn and John Mason Roni and Charles McGuffog Julie Medler Troy Miller-Cassegrain Morgan Stanley Global Impact Funding Trust, Inc. MorseLife Health System, Inc Jennifer Myerberg Pamela J. Newman Odyssey Reinsurance Company

Julie Chrystyn Opperman Laura and Richard Parsons The Parsons Family Foundation Steven Marc Paul, MD Pfizer CTI Thomas Pheasant Laura Heery Prozes and Andrew Prozes Cobey Rapaport Phyllis and Charles Rosenthal Steven Rubenstein Patricia Bennett Sagon June and Paul Schorr Trish and Steven Shapiro Sydney and Stanley Shuman Klara and Larry Silverstein Karen and Marc Spector Jennifer and Mark Styslinger Cindy and Laurence Tell Alice and Thomas Tisch The Toma Family UBS Private Wealth Management Sue Ann Weinberg Harriet and Ronald Weintraub William K. Bowes, Jr. Foundation

#### \$5,000-\$9,999

Anonymous Daniel Abraham Mr. and Mrs. Warren Adler Anushka Spa. Salon & Cosmedical Centre Vanessa Arnold Sylvia Atkins Lisa and Clifford Beek Robert Bennett Barbara and Bruce Berger Tina and Simon Beriro Howard B. Bernick Peggy Brim Bewkes Merilee and Roy Bostock Evelyn Brandt Bryant Group, Inc Nancy and Alan Bubes CAF American Donor Fund Lynda and F. Davis Camalier Elizabeth Christian Allison Cooper Corcoran Group Real Estate Nancy Corzine Hillary Cullen and Paul Bruder Veronica and John DeBruin John D. Demsey Beth Rudin DeWoody Valerie and Charles Diker

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Cash and ca

Investments Contribution

Due from li Study of Agi

Other asset **Total assets** 

Liabilities Account Grants p Deferred Total liabil Total net as Total lial

### 2017 FINANCIAL **OVERVIEW**

\* Full audited 2017 financials available by request.

#### STATEMENT OF FINANCIAL POSITION

		2017	2016	
sh equivalents	\$	4,281,702	4,955,417	
s, at fair value		26,571,127	23,862,266	
ns receivable		14,902,876	16,433,336	
stitute for the				
ing		86,761	75,712	
ts		130,943	52,697	
;	\$	45,973,409	45,379,428	

#### LIABILITIES AND NET ASSETS

s payable and accrued liabilities	33,568	7,818
ayable	25,433,267	21,761,264
l revenue	199,247	19,350
ities	25,666,082	21,788,432
ssets	20,307,327	23,590,996
ities and net assets	\$ 45,973,409	45,379,428

STATEMENT OF ACTIVITIES		
CHANGE IN NET ASSETS	2017	2016
Support and Revenues		
Support		
Contributions and grants	\$ 10,011,228	17,768,167
In-kind services and contributions		
Contributions of services from the Institute for the Study of Aging, Inc.	3,502,147	3,682,032
Proceeds from special events, net of direct expenses	3,266,247	4,038,612
Revenues		
Grant returns, net of payments	568,283	471,094
Conference registration fees and other income	187,548	194,269
Investment income	361,984	576,947
Total support and revenues	17,897,437	26,731,121
Expenses		
Program services—grants	16,566,234	16,337,516
Program services—unexecuted prior year grants	(325,000)	_
Program services—other	2,237,637	2,015,445
Total program services	18,478,871	18,352,961
Fundraising	2,163,272	1,643,278
Management and general	538,963	694,962
Total expenses	21,181,106	20,691,201
Change in net assets	(3,283,669)	6,039,920
Net assets, beginning of year	23,590,996	17,551,076
Net assets, end of year	\$ 20,307,327	23,590,996

#### CONTENT

Howard Fillit, MD Lauren Friedman, PhD Yuko Hara, PhD Nicholas McKeehan

#### EDITORIAL

Krishna Knabe, MSc

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Jessica Levine

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