



PRIVATE FUNDING OPPORTUNITIES: DEC 9, 2016

Please contact Corporate & Foundation Relations in the Office of Development at devcfr@mgh.harvard.edu if you wish to submit a proposal in response to any of these opportunities. Note that proposals are still routed through the standard InfoEd/Research Management process.

Please note that any grant that brings in less than **15% in indirect costs (IDC)** will need to be supplemented up to the 15% equivalent by existing investigator or departmental sundry funds. Resolution of this issue must occur prior to submission of the award.

1. Gordon L. Snider Scholar Award, Alpha-1 Foundation (A1F)

The objective of this award is to provide additional career development support for outstanding young investigators who have continued to conduct research (basic or clinical) in AATD related lung or liver disease after completion of their postdoctoral fellowship. It is expected that the award will provide an incentive for a career in AATD research.

This award is named after Dr. Gordon L. Snider, one of the most influential researchers in Alpha-1 Antitrypsin Deficiency (AATD). Dr. Snider not only made seminal scientific contributions which have clarified the pathogenesis of AATD related lung disease, but also laid the groundwork for the Foundation's research program. In particular, he stressed the importance of encouraging young investigators to pursue a career in AATD research.

Award Amount: \$225,000 paid over 3 years

Indirect Costs: None

Application Deadline: Apr 3, 2017

Website: <http://www.alpha1.org/Investigators/Grants/Grant-Opportunities>

2. Clinical Trials for Frontotemporal Degeneration RFP, Alzheimer's Drug Discovery Foundation (ADDF)

The Alzheimer's Drug Discovery Foundation (ADDF) and The Association for Frontotemporal Degeneration (AFTD) have launched the Treat Frontotemporal Degeneration (FTD) Fund to support clinical trials testing novel or repurposed drugs for FTD and related disorders (bvFTD, PPA, PSP, CBD, FTD/ALS). The Treat FTD Fund will build on recent successes of both foundations in early-stage drug discovery and biomarker development and leverages new ongoing efforts under development by AFTD such as the recently launched FTD Disorders Registry and a \$5M FTD Biomarker Initiative. Running clinical trials in FTD patients will help



Do you want to learn more about identifying external funding opportunities? See [ECOR's website](#) for information on the funding opps database, **COS Pivot** or contact Amy Robb <arobb@mgh.harvard.edu> to schedule an individual consultation or group training session.

investigators learn how best to target this unique patient population and will employ advances in biomarkers as they develop. This RFP is agnostic to drug target, open to both symptomatic and disease modifying approaches and includes both novel and repurposed therapies. Behavioral and social interventions as well as lifestyle modifications will not be considered.

Award Amount: \$500K to \$2M for trials ranging from 1 -3 years

Indirect Costs: Unpublished

LOI Deadline: Feb 17, 2017

Website: <http://www.alzdiscovery.org/research-and-grants/funding-opportunities>

3. Physician Scientist Training Award (PSTA), American Academy of Sleep Medicine (AASM)/American Sleep Medicine Foundation (ASMF)

The Foundation announces a grant opportunity to support a sleep research fellowship either before or following a clinical sleep fellowship. The award will include research and training expenses such as salary support, supplies and overhead for the awardee.

Applicants must develop a research/training plan in association with a mentor who is a sleep scientist. Co-mentored applications with an additional mentor who is not a sleep scientist are permissible. The applicant is responsible for securing the support of a mentor (and co-mentor, if applicable).

The ASMF intends the PSTA will support the Foundation's Mission and assist physician scientists in the development of proposals for other awards (e.g., NIH R or K awards, grants from private foundations). The ASMF also intends that the PSTA will lead to the publication of original research in peer-reviewed journals.

Award Amount: \$75,000 for 1 year

Indirect Costs: 8%

Application Deadline: Jan 9, 2017

Website: <http://www.discoversleep.org/physicianscientist.aspx>

4. Breast Cancer Grants: Breast Cancer Research (Avon Breast Cancer Crusade), Avon Foundation for Women

The Foundation continues its search for new preventive strategies to address the growing number of breast cancer cases around the globe and develop new treatments for those living with metastatic breast cancer today. The 2017 program seeks proposals in these areas to advance understanding of causes of breast cancer, prevention and developing treatments for metastatic breast cancer.

Research questions the Foundation hopes to answer to further the development of breast cancer prevention strategies include, but are not limited to, the following:

- Understanding the potential causes of breast cancer and research to develop new preventative strategies
- Understanding metastases and developing new treatments for metastatic breast cancer

Research project proposals submitted to the Foundation must utilize human studies, and researchers are highly encouraged to access the Army of Women to obtain volunteers. If a study is not utilizing the Army of Women, then the proposal must include a description of the samples that will be used in the study.

Applications should identify the source of human tissue under study.

Award Amount: \$300,000 paid over 2 years

Indirect Costs: 10%

LOI Deadline: Jan 6, 2017

Website: <http://www.avonfoundation.org/grants/breast-cancer/research-grant-guidelines/>

5. Breast Cancer Grants: Breast Cancer Safety Net (Access to Care Programs: Safety Net Fund), Avon Foundation for Women

The program supports institutions and organizations that have traditionally cared for uninsured, at-risk, low-income and minority patients to further our commitment of enabling medically underserved women and men to access post-screening diagnostics and care.

The emphasis of this initiative is to provide public, community, and safety net hospitals and health care systems with patient navigation programs, partial equipment support, and other personnel and infrastructure support that will enhance their breast cancer care services to the medically underserved.

Internal Coordination: Organizations may receive only one grant from the Avon Access to Care Programs at one time. This includes the Safety Net Fund, Support Programs and Breast Health Outreach Program. Therefore, organizations are ineligible to receive concurrent grants through different access to care funding streams. This does not apply to grantees who are seeking continued funding (a new grant whose term would begin at the close of the current grant) or to grantees that are seeking both research and access to care grants, which is allowable.

Award Amount: \$100,000

Indirect Costs: 10%

LOI Deadline: Jan 13, 2017

Website: <http://www.avonfoundation.org/grants/breast-cancer/safety-net-guidelines/>

6. Balzan Prizes, International E. Balzan Prize Foundation/Fondazione Internazionale Balzan

The Foundation's aim is to promote culture, the sciences and the most meritorious initiatives in the cause of humanity, peace and fraternity among peoples throughout the world.

The Prizes are chosen by the General Prize Committee in two general subject areas: Literature, Moral Sciences and the Arts; and the Physical, Mathematical and Natural Sciences and Medicine. The subject areas in which the awards are granted are rotated, and this characteristic of the Prize ensures the promotion and recognition of new or emerging fields of study or research that may have been overlooked by other international awards.

The Articles of the Foundation made a stipulation that prizewinners must destine half of the prize to finance research projects that are preferably carried out by young scholars or scientists.

The General Prize Committee announced that the 2017 Balzan Prizes will be awarded in the following fields:

- Collective Memory
- Gender Studies
- Immunological Approaches in Cancer Therapy
- The Sun's Planetary System and Exoplanets

Award Amount: Fr750,000 CHF

Indirect Costs: Unpublished

Nomination Deadline: Mar 15, 2017

Website: <http://www.balzan.org/en/subject-areas-and-nominations>

7. Translational Research Program, Jeffrey Modell Foundation

The purposes of this program are:

- To support innovative and novel investigations in Primary Immunodeficiency, focusing on translational research leading to meaningful clinical application.
- To advance the growing knowledge of genotype-phenotype correlations and gain a better understanding of the underlying mechanisms of immune function and dysfunction.
- To support research that will lead to advancement in clinical recognition, diagnostic tools, and innovative therapies that will impact overall health outcomes and improve the quality of life of those affected by Primary Immunodeficiency.
- Grants with the following focus will be strongly considered for awards:
 - a) Novel PI defects
 - b) Innovativeness in early diagnosis
 - c) Treatment advances to a cure
 - d) Impact on patient health (i.e. how a patient will benefit)
 - e) Reach of the proposed project (i.e. how many patients might benefit)

It is estimated that as many as 10 million people, if not more, are living with Primary Immunodeficiency worldwide. Over the past decade, identification and diagnosis of Primary Immunodeficiency has greatly expanded, and knowledge of causative genes continues to rapidly grow. Simultaneously, genomics technology is becoming more readily available and cost-effective. The time is crucial to support research that will bridge basic science discoveries to the development of clinical applications that will impact overall health outcomes. Advancing the understanding of the mechanisms of Primary Immunodeficiency diseases has the ability to provide essential knowledge of immune function. Harnessing the power of understanding the immune system represents one of the single greatest disease-fighting and life-saving strategies that biomedical science has to offer and will greatly benefit those with identified Primary Immunodeficiencies, and the millions that remain undiagnosed.

Award Amount: \$250,000 paid over 2 years

Indirect Costs: None

Application Deadline: Feb17, 2017

Website: <http://www.jmfworld.com/medical/research-grants/translational-research-program>

8. Klingenstein-Simons Fellowship Awards in the Neurosciences, Esther A. and Joseph Klingenstein Fund, Inc.

The Fellowship Awards in the Neurosciences supports, in the early stages of their careers, young investigators engaged in basic or clinical research that may lead to a better understanding of neurological and psychiatric disorders.

The Foundation recognizes that to accomplish this goal it is necessary to encourage a variety of new approaches.

Several areas within the neurosciences are of particular interest:

- Cellular and molecular neuroscience--Studies of the mechanisms of neuronal excitability and development, and of the genetic basis of behavior.
- Neural systems--Studies of the integrative function of the nervous system.
- Clinical research--Studies designed to improve the prevention, diagnosis, treatment and our understanding of the causes of neurological and psychiatric disorders.

Award Amount: \$225,000 paid over 3 years

Indirect Costs: None

Application Deadline: Mar 1, 2017

Website: <http://www.klingfund.org/>

9. For Women in Science Fellowship Program, L'Oreal Group/L'Oreal USA

The For Women in Science program was created out of a simple belief: the world needs science, and science needs women. As the U.S. component of the L'Oréal-UNESCO For Women in

Science International Fellowships, the fellowship program annually awards grants to women postdoctoral scientists for their contributions in Science, Technology, Engineering and Math (STEM) fields and commitment to serving as role models for younger generations. The award is intended to support the applicant's research project and provide career advancement. Research should be in the life, physical/material sciences, engineering, technology, computer science and/or mathematics fields; additional eligible areas of study include: immunology, all areas of chemistry, earth science and medical research. Psychology, science education and social science are not eligible for this Fellowship. The applicant's research and studies must be conducted primarily within the USA.

Award Amount: \$60,000

Indirect Costs: None

Application Deadline: Feb 3, 2017

Website: <http://www.lorealusa.com/csr-commitments/the-1%E2%80%99or%C3%A9al-corporate-foundation/science/1%E2%80%99or%C3%A9al-usa-for-women-in-science-program>

10. Linde Healthcare REALfund, Linde Group/Linde Healthcare

Linde Healthcare awards research grants to selected projects covering innovations in the following areas:

1. New indications and product innovations

The sponsor is looking for innovative projects for new therapeutic applications of our existing products and services, which can treat or prevent diseases and other physical disorders or enable early diagnosis. Ultimately this should lead to an increased patient benefit and help relieve the cost pressures on healthcare budgets.

2. Improving existing devices or innovative devices enabling new therapies

Since small practical changes can make a big difference in acceptance, usability and adherence to existing devices and services the sponsor is also looking for innovative ways to improve existing medical devices and related therapies. For example, this could be an improvement in how a treatment is administered by a caregiver or an improvement in handling of devices used by patients at home.

The sponsor is interested in ideas for innovative devices. These could be, for example, new, intelligent devices promoting a safe and effective application or monitoring the progress and success of respiratory and gas-related therapies.

3. New treatment pathways

There is a strong market need for solutions that not only improve the delivery method, but that increase safety and effectiveness of the complete treatment pathway by improving the cost/benefit ratio. The sponsor is primarily looking for projects that: fall within its focus area of respiratory medicine have the potential to be realised into products, services and treatment

pathways within a reasonable period of time (up to 3 years) have the potential for Intellectual Property (IP) or other means of business protection.

Award Amount: €75,000 EUR

Indirect Costs: 10%

Application Deadline: Continuous

Website: <http://www.linde-realfund.com/en/index.html>

11. Bridging the Gap: Reducing Disparities in Diabetes Care (Bridging the Gap), Merck Foundation New

The goal of this initiative is to improve access to high-quality diabetes care and reduce health disparities among vulnerable and underserved populations with type 2 diabetes in the United States. The Foundation is committing \$10 million over five years to support Bridging the Gap and its program partners in selected communities across the country.

This initiative aims to improve access to high-quality diabetes care and reduce health disparities for vulnerable and underserved populations with type 2 diabetes in the United States. The program aims to promote health equity through intersectoral collaborations that bring together stakeholders from inside and outside the health care system to address disparities in health outcomes.

Intersectoral collaborations involve public and private organizations representing the health care sector and the social and environmental sectors--including food, education, housing, and social services--in designing and implementing interventions that address the medical determinants and the social determinants of health. Social determinants of health refer to factors external to the health care system that influence health, such as the neighborhood environment. For example, walkability and access to healthy food options.

Grant funds cannot be used to displace or supplant existing funding for ongoing programs that address diabetes or health care disparities, as the intent is to build on and expand such programs or to create new ones. Additionally, grants are not intended to support research studies unrelated to the intervention evaluation.

Award Amount: \$1.5 million paid over 5 years

Indirect Costs: 15%

LOI Deadline: Jan 24, 2017

Website: <http://www.msdrresponsibility.com/access-to-health/key-initiatives/bridging-the-gap/>

12. Edmond J. Safra Fellowship in Movement Disorders, Michael J. Fox Foundation for Parkinson's Research (MJFF)

Movement disorder specialists -- neurologists with subspecialty training in treating Parkinson's disease and other movement disorders -- serve as an important bridge between scientific advances in the lab and positive patient outcomes in the care setting. While the demand for movement disorder specialists increases, not enough neurologists are receiving this vital training. To address this unmet need, MJFF has introduced this fellowship with the goal of developing a network of highly trained clinician-researchers - the next generation of leaders in Parkinson's patient-relevant drug development and expert clinical care.

In order to allow centers sufficient time to identify the most favorable recipients, MJFF will award promising training centers directly with funding for the fellowships. Once awarded, the center will be required to nominate the presumptive fellowship recipient for final review by MJFF.

The program is designed to expand the capacity of leading centers to train movement disorder fellows. To be eligible for the fellowship, applying centers must identify and support a new fellow. Grant support cannot be used to support a fellow already enrolled in the center's program.

Award Amount: \$180,000 paid over 2 years

Indirect Costs: 25%

Application Deadline: Jan 4, 2017

Website: <https://www.michaeljfox.org/research/grant-detail.php?id=30>

13. Innovator Awards for Early Career Investigators in Translational Stem Cell Research (NYSCF - Robertson Stem Cell Investigator Award), New York Stem Cell Foundation (NYSCF)

NYSCF is soliciting applications from early career investigators for Innovator awards to be used for exploring the basic biology and translational potential of stem cells. The goal of this initiative is to foster bold and innovative scientists with the potential to transform the field of stem cell research, and advance understanding and use of stem cells in the development of treatments for human disease. In addition to providing funding, NYSCF partners with investigators to advance and translate their research.

Award Amount: \$1.5 million paid over 5 years

Indirect Costs: None

Application Deadline: Feb 22, 2017

Website: <http://www.nyscf.org/stemcell>

14. Innovator Awards for Early Career Investigators in Neuroscience (NYSCF - Robertson Neuroscience Investigator Award), New York Stem Cell Foundation (NYSCF)

NYSCF is soliciting applications from early career investigators for Innovator awards in neuroscience. The goal of this initiative is to foster truly bold, innovative scientists with the potential to transform the field of neuroscience. Applicants are encouraged in the fundamental areas of developmental, cellular, cognitive and behavioral, and translational neuroscience, broadly interpreted. Applicants need not be working in areas related to stem cells.

Award Amount: \$1.5 million paid over 5 years

Indirect Costs: None

Application Deadline: Feb 22, 2017

Website: <http://www.nyscf.org/neuro>

15. Health: Innovator Awards, Kenneth Rainin Foundation

The Foundation supports research that is potentially transformative to diagnosing, treating and curing Inflammatory Bowel Disease. The Innovator Awards program provides grants for research projects, which due to their ground-breaking nature, may not be suitable for funding from more traditional sources, such as the National Institutes of Health (NIH). To date, the Foundation has funded projects in the following areas:

- Bioengineering
- Diet and Nutrition
- Epithelial Cell/Molecular Biology
- Fecal Microbiota Transplant
- Immunity and Inflammation
- Microbiome
- Therapeutic Development and Delivery

If an applicant is submitting a clinical research proposal, the Foundation encourages the applicant to include basic scientific methodologies to examine the underlying mechanisms of the proposed intervention/treatment.

Funding criteria include:

- Innovation
- Scientific merit
- Strong evidence of collaboration
- Investigator capability to execute project

Award Amount: \$100,000 for 1 year

Indirect Costs: 10%

LOI Deadline: Feb 15, 2017

Website: <http://krfoundation.org/health/innovator-awards/>