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**PRIVATE FUNDING OPPORTUNITIES: JUN 24, 2016**

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Please contact Corporate & Foundation Relations in the Office of Development at [devcfr@mgh.harvard.edu](mailto: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.

**1. Global Clinical Trials Fund, Alzheimer's Research UK (ARUK)**

The Global Clinical Trials Fund supports clinical trials that have potential to be of benefit to dementia patients. Lead applicants and trial sites can be from the UK or international.

The remit of this scheme covers:

- Studies that aim to demonstrate target engagement, Phase I or Phase II clinical trials undertaken to ascertain the potential safety and efficacy of (novel or re-purposed) drug-based interventions in human subjects.
- Clinical trials of non-drug based, complex interventions.
- Opportunities for research 'add ons' to ongoing clinical trials (e.g. biomarker add-ons).

This scheme is not designed to cover:

- Interventions or devices for 'assisted living' or for care management.
- Observational/biomarker clinical studies - UK-based applications covering these are acceptable through Alzheimer's Research UK's other grant schemes (for which there must be a UK-based lead applicant). However, please note that biomarker studies can be included in an application to the Global Clinical Trials Fund as primary and/or secondary outcome measures of drug action or if considered as add-ons to ongoing clinical trials.

Award Amount: Up to £5,000,000 GBP

Express of Interest Deadline: Jul 12, 2016

Website: <http://www.alzheimersresearchuk.org/grants/global-clinical-trials-fund/>

**2. Research Grant Program, Amyloidosis Foundation**

For over a decade, the Amyloidosis Foundation grant program has supported outstanding research in all forms of systemic amyloidosis. Through the research program the foundation encourages, promote and invest in the medical study and exploration of the amyloidosis diseases. The Amyloidosis Foundation grant program supports basic biomedical and clinical research on systemic amyloidosis.

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*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](mailto:arobb@mgh.harvard.edu) for a research consultation.*

Award Amount: \$50,000

Application Deadline: Aug 31, 2016

Website: <http://www.amyloidosis.org/research/#grant-programs>

### **3. Research Project Grants, Cerebral Palsy Alliance Research Foundation**

The Research Foundation has a strong on-going commitment to funding high quality research in cerebral palsy. The project should address the Research Foundation's priorities:

1. Aetiology, causal pathways
2. Prevention
3. Early identification, early intervention
4. Novel interventions, novel treatments
5. Cure

Projects that address the causes, prevention, early interventions and cure of cerebral palsy will be rated more favourably when reviewing the merit of applications.

"Big picture" collaborative studies (along the lines of NHMRC applications) are also encouraged.

Award Amount: Up to \$250,000 AUD for 12-48 months

Application Deadline: Aug 31, 2016

Website: <https://research.cerebralpalsy.org.au/funding/how-to-apply/>

### **4. Career Development Grants, Cerebral Palsy Alliance Research Foundation**

These are unrestricted grants to be used by the award recipient for any of the activities as listed below to assist in the recipient's career pursuits including:

- Fellowships or PhD scholarships
- travel associated with conducting research or presenting research findings
- presenting or attending a relevant research conference
- employment of research personnel to support the recipient's research project
- the purchase of research materials and consumables related to the recipient's research project

Applicants must ensure their project addresses the Research Foundation's priorities:

- Aetiology, causal pathways
- Prevention
- Early identification, early intervention
- Novel interventions, novel treatments
- Cure

Projects that address the causes, prevention, early interventions and cure of cerebral palsy will be rated more favourably when reviewing the merit of applications.

"Big picture", collaborative studies (along the lines of NHMRC applications) are encouraged.

Award Amount: Up to \$250,000 AUD for 12-36 months

Application Deadline: Aug 31, 2016

Website: <https://research.cerebralpalsy.org.au/funding/how-to-apply/>

## **5. Postdoctoral Research Fellowships, Cystic Fibrosis Foundation (CFF)**

These awards are offered to postdoctoral individuals interested in conducting basic or clinical research related to cystic fibrosis. Awards are offered through the CFF's network of research centers, or through individual applications submitted to the Foundation.

The majority of morbidity and mortality associated with cystic fibrosis (CF) today is due to lung disease. In CF, innate defenses are compromised and inhaled or aspirated pathogens are able to establish chronic infections. CF is unique in that only a small subset of pathogens have been linked to disease progression, and the infection remains, for the most part, compartmentalized. Unfortunately, the neutrophil dominant inflammatory response causes tissue destruction and compromised organ level function. Both the host and pathogen adapt as the initial insult evolves into an indolent, chronic infection punctuated by acute exacerbations.

Kayldeco™ (VX-770), the first drug to target the basic CFTR defect, demonstrated that CFTR modulating drugs improve clinical parameters such as sweat chloride, lung function, and body weight. CFF will continue to support efforts that improve our understanding of basic defects as well as mechanisms by which CFTR modulators improve patient outcomes. While CFTR biogenesis, trafficking, structure/function, airway defense, and microbial adaptation to the CF lung remain relevant, CFF is interested in funding new areas of research that may lead to the development of new and innovative therapies. Investigators working in these areas are encouraged to submit a Letter of Intent.

Emerging research interests are as follows:

1. Influence of CFTR modulation on the airway milieu in patients, animal models, and in vitro studies, including resident pathogens, inflammation, mucin structure (tethered and secreted), and mucociliary clearance
2. Effect of CFTR activity on lung inflammation and inflammatory cell function
3. Relationship between killing and clearance (mechanical and phagocytic) of inhaled bacteria and the impact upon inflammatory signaling
4. Molecular characterization of CFTR mutations other than F508del
5. Novel means for restoring CFTR function
  - a. Gene editing/repair strategies

- b. Delivery methods for gene, RNA, and protein to the lung and other affected tissues
- c. Cellular targets for CFTR correction
  - Lung progenitor cells, airway stem cell niche
  - Induced pluripotent stem cells (iPSC)

Funding priority will be placed on those projects that will lead to a better understanding of disease mechanisms, pathophysiology, and prevention strategies.

Award Amount: Up to \$94,180 for 2 years

Application Deadline: Sep 7, 2016

Website: <https://www.cff.org/Our-Research/For-Researchers/Training-Grants/Postdoctoral-Research-Fellowships/>

## **6. Postdoctoral Research Fellowship Grants, Dravet Syndrome Foundation (DSF)**

DSF's Postdoctoral Research Fellowship Grant develops academic physicians and scientists committed to research related to Dravet syndrome and associated ion channel epilepsies.

Award Amount: \$50,000

Application Deadline: Sep 6, 2016

Website: <http://www.dravetfoundation.org/programs/research-grant-program>

## **7. Alpha-Synuclein Imaging Prize, Michael J. Fox Foundation for Parkinson's Research (MJFF) New**

The MJFF is sponsoring a prize to the first team to develop a viable selective alpha-synuclein PET tracer and agree to make that tracer available broadly.

The ability to image alpha-synuclein deposition in the brain would be a game-changing achievement for the Parkinson's disease (PD) field. The accumulation of aggregated alpha-synuclein is a pathological hallmark of PD and a priority target for drug development given its hypothesized contribution to neurodegeneration. In vivo imaging of alpha-synuclein pathology could be useful as a biomarker of the presence of disease and disease progression and as a pharmacodynamic tool for drug development. With this prize, the Foundation seeks to attract research teams and accelerate momentum to speed the development of such a tracer.

Contestants must apply for the prize with pre-clinical and clinical data supporting the broad use of their alpha-synuclein radiotracer. Judges may ask for additional data, including but not limited to raw imaging data.

NOTE: All contestants must agree to make the winning radiotracer available for use by the MJFF and MJFF awardees through a nonexclusive license or other MJFF-approved mechanism.

The winning contestant must demonstrate that the radiotracer binds with relatively high selectivity to alpha-synuclein according to pre-specified criteria and must demonstrate proof-of-concept in human subjects, including people with Parkinson's disease and/or another synucleinopathy.

Submission requirements:

#### 1. Pre-clinical Evidence

- Radiosynthesis method enabling feasible radiolabeling with  $^{11}\text{C}$  or  $^{18}\text{F}$  (or both) at > 20% yield, high specific activity
- Selective binding to alpha-synuclein-rich brain tissue (versus amyloid-beta or tau-rich tissue)
- Proof of concept in alpha-synuclein pre-clinical models (preferred but not required)

#### 2. Human Studies

- Acceptable biodistribution with adequate brain uptake
- Acceptable metabolite profile
- Demonstrated proof-of-concept evidence of robust in vivo kinetics that enable quantification of alpha-synuclein binding (e.g., by kinetic modeling)
- In vivo binding patterns consistent with the expected distribution of alpha-synuclein pathology per population (e.g., PD, dementia with Lewy bodies, multiple system atrophy)
- Demonstrate selective in vivo binding to alpha-synuclein pathology [little nonspecific uptake, no binding to other pathologies (e.g., amyloid-beta, tau)]

Award Amount: \$2 million

Submission Deadline: Continuous

Website: <https://www.michaeljfox.org/research/imaging-prize.html>

### **8. Integrating Cost-of-Care Conversation Resources Into the Clinical Workflow Call for Proposals, Robert Wood Johnson Foundation (RWJF) New**

RWJF is committed to ensuring that everyone in America has access to affordable, quality health care. Improving cost and value conversations between patients and clinicians will support patients in making health care choices based on their needs and preferences, in collaboration with their care providers. This solicitation seeks to establish best practices for how tools/resources that support cost-of-care conversations (e.g., cost estimator tools, conversation guides, financial questions) can be better embedded into the clinical workflow and patient/caregiver "life flow." Funded studies will thus explore these best practices for workflow integration, to ultimately help inform the development and refinement of tools, guides and resources for improving patient and clinician communication around costs and high-value care. Ultimately, RWJF seeks to understand what best practices are needed, how health systems may

need to act to respond to such needs, and the adaptive challenges they might face when doing so.

Projects may be generated from disciplines including health services research, economics, sociology, program evaluation, political science, public policy, public health, public administration, law business administration and other related fields.

Award Amount: Up to \$250,000 for 1 year

Full Proposal Deadline: Jul 27, 2016

Website: <http://www.rwjf.org/en/library/funding-opportunities/2016/integrating-cost-of-care-conversation-resources-into-the-clinical-workflow.html>

### **9. Optimizing Cost-of-Care Conversations Between Clinicians and Vulnerable Patients, Robert Wood Johnson Foundation (RWJF) New**

RWJF is committed to ensuring that everyone in America has access to affordable, quality health care, especially vulnerable populations. For the purpose of this funding opportunity, vulnerable populations include people with incomes less than 400 percent of the federal poverty level (FPL), who are newly insured, belonging to racial and ethnic minorities, or for whom English is a second language. This solicitation aims to fund studies that will test specific messages, best practices, and other principles to be incorporated in resources for improving the frequency and quality of cost-of-care conversations between clinicians and vulnerable patients. Funded studies will focus on testing a diverse range of approaches with diverse populations, which will ultimately help inform the development of tools, guides and resources to improve patient and clinician communication about costs and high-value care. RWJF is particularly interested in prioritizing studies that incorporate rapid testing, message research and high levels of consumer involvement, as opposed to an exclusive focus on extended scientific research and academic publication. The prioritization of rapid testing is a direct response to the imminent need for solutions for this problem. Funded studies will especially focus on preserving and enhancing trust between clinicians and vulnerable patients, given that RWJF sees this as a central factor to improving cost-of-care communication. Finally, RWJF seeks to fund a range of projects across different types of vulnerable patients, types of care settings, and--to the extent possible--geographic areas.

Projects may be generated from disciplines including health services research, economics, sociology, program evaluation, political science, public policy, public health, public administration, law, business administration and other related fields.

Award Amount: \$250,000 for 1 year

Proposal Deadline: Jul 27, 2016

Website: <http://www.rwjf.org/en/library/funding-opportunities/2016/optimizing-cost-of-care-conversations-between-clinicians-and-vulnerable-patient.html>

#### **10. Research Grants, Mizutani Foundation for Glycoscience**

The aim of Foundation is to contribute to the welfare of mankind through promotion of basic studies on glycoconjugates mainly by distributing research grants. The Foundation invites grant applications for basic and applied studies in the field of glycoscience.

Award Amount: Up to ¥7,000,000 JPY for 1 year

Application Deadline: Sep 1, 2016

Website: <http://www.mizutanifdn.or.jp/grant/apply.html>

#### **11. Junior Investigator Grant, Musculoskeletal Transplant Foundation (MTF)**

The MTF's grants are intended to support the advancement of allograft transplantation. Junior Investigator Grants are a one-year award for any PhD or MD (or equivalent) who has completed post-graduate work or a residency and who has never obtained a major award from a foundation or a federal agency. The objective of the proposed research is to advance allografts, the science of transplantation and the biological reconstruction of musculoskeletal tissues.

Award Amount: \$100,000 for 1 year

Application Deadline: Sep 1, 2016

Website: [http://www.mtf.org/research\\_grant\\_programs.html#junior](http://www.mtf.org/research_grant_programs.html#junior)

#### **12. Established Investigator Grants, Musculoskeletal Transplant Foundation (MTF)**

The MTF's grants are intended to support the advancement of allograft transplantation. This is a multi-year program for any researcher who has previously been funded by a foundation or a federal agency and has published in a peer-reviewed journal as a Principal investigator. The objective of the proposed research is to advance allografts, the science of transplantation and the biological reconstruction of musculoskeletal tissues.

Award Amount: \$300,000 for 3 years

Application Deadline: Sep 1, 2016

Website: [http://www.mtf.org/research\\_grant\\_programs.html#established](http://www.mtf.org/research_grant_programs.html#established)

#### **13. Research-Specific Grants: MTF Research Grant (OREF/Musculoskeletal Transplant Foundation Research Grant), Orthopaedic Research and Education Foundation (OREF)**

This Funding Opportunity Announcement solicits investigator-initiated research proposals focusing on research in the science of biologic - reconstruction, bone regeneration, transplantation - allografts, and including stem cells for graft transplantation.

Clinical relevance of all proposals must be clearly noted in the abstract and specific aims and be obvious from the title and the study design. All proposed projects are expected to generate results that have a practical application. It is expected that upon completion of the proposed

project, the principal investigator will be well poised to pursue NIH/DOD or the equivalent large-scale funding to continue to advance the area of research.

Award Amount: \$98,000 paid over 2 years

Application Deadline: Sep 13, 2016

Website: <http://www.oref.org/grants-and-awards/grant-programs/research-specific-grants>

#### **14. Research-Specific Grants: OREF/Goldberg Arthritis Research Grant, Orthopaedic Research and Education Foundation (OREF)**

This Funding Opportunity Announcement solicits investigator-initiated research proposals in the treatment of arthritis with an emphasis on arthroplasty by investigators who have demonstrated a sustained interest in research and excellence in their training. The objective of the grant is to encourage new investigators by providing seed and start-up funding for promising research projects.

Clinical relevance of all proposals must be clearly noted in the abstract and specific aims and be obvious from the title and the study design. All proposed projects are expected to generate results that have a practical application. It is expected that upon completion of the proposed project, the principal investigator will be well poised to pursue NIH/DOD or the equivalent large-scale funding to continue to advance the area of research.

Award Amount: \$50,000 for 1 year

Application Deadline: Sep 13, 2016

Website: <http://www.oref.org/grants-and-awards/grant-programs/research-specific-grants>

#### **15. Research-Specific Grants: OREF/ASES/Rockwood Clinical Research Grant in Shoulder Care, Orthopaedic Research and Education Foundation (OREF)**

This Funding Opportunity Announcement solicits investigator-initiated research proposals in the area of shoulder care by investigators who have demonstrated a sustained interest in research and excellence in their training. The objective of the grant is to encourage new investigators by providing seed and start-up funding for promising research projects.

Clinical relevance of all proposals must be clearly noted in the abstract and specific aims and be obvious from the title and the study design. All proposed projects are expected to generate results that have a practical application. It is expected that upon completion of the proposed project, the principal investigator will be well poised to pursue NIH/DOD or the equivalent large-scale funding to continue to advance the area of research.

Award Amount: \$50,000 for 1 year

Application Deadline: Sep 13, 2016

Website: <http://www.oref.org/grants-and-awards/grant-programs/research-specific-grants>



#### **16. New Investigator Grant, Orthopaedic Research and Education Foundation (OREF)**

This Funding Opportunity Announcement solicits investigator-initiated research proposals to advance the scientific training of individuals by providing seed and start-up funding for promising research projects.

Clinical relevance of all proposals must be clearly noted in the abstract and specific aims and be obvious from the title and the study design. All proposed projects are expected to generate results that have a practical application. It is expected that upon completion of the proposed project, the principal investigator will be well poised to pursue NIH/DOD or the equivalent large-scale funding to continue to advance the area of research.

Award Amount: \$50,000 for 1 year

LOI Deadline: Aug 15, 2016

Website: <http://www.oref.org/grants-and-awards/grant-programs/general-grants>

#### **17. Prospective Clinical Research Grant, Orthopaedic Research and Education Foundation (OREF)**

This Funding Opportunity Announcement solicits investigator-initiated clinical research proposals by investigators who have demonstrated a sustained interest in research and excellence in their training. The objective of this grant is to stimulate clinical research and provide funding for promising prospective studies of a high clinical importance in orthopaedic surgery.

Clinical relevance of all proposals must be clearly noted in the abstract and specific aims and be obvious from the title and the study design. All proposed projects are expected to generate results that have a practical application. It is expected that upon completion of the proposed project, the principal investigator will be well poised to pursue NIH/DOD or the equivalent large-scale funding to continue to advance the area of research.

Award Amount: \$150,000 paid over 3 years

LOI Deadline: Aug 15, 2016

Website: <http://www.oref.org/grants-and-awards/grant-programs/general-grants>

#### **18. ORS/OREF Post-Doctoral Fellowship Grant, Orthopaedic Research and Education Foundation (OREF)**

This Funding Opportunity Announcement seeks to encourage research in bioengineering, biology, clinical science, and translational research with relevance to orthopaedics by encouraging research projects that involve a high degree of innovation and novelty. Because innovative projects may require a preliminary test of feasibility, this initiative will provide short-term support for such preliminary work. Research topics may include basic, translational, or clinical research broadly relevant to the field of orthopaedics.

The grant provides individuals a full-time post-doctoral training fellowship in orthopaedic research with an experienced research advisor. A minimum of 95% time must be devoted to this fellowship during this award period.

Award Amount: \$50,000 for 1 year

Application Deadline: Sep 13, 2016

Website: <http://www.oref.org/grants-and-awards/grant-programs/general-grants>

### **19. Career Development Grant, Orthopaedic Research and Education Foundation (OREF)**

This Funding Opportunity Announcement solicits investigator-initiated research proposals by investigators who have demonstrated a sustained interest in research and excellence in their training. Multidisciplinary research proposals are encouraged.

Clinical relevance of all proposals must be clearly noted in the abstract and specific aims and be obvious from the title and the study design. All proposed projects are expected to generate results that have a practical application.

It is expected that upon completion of the proposed project, the principal investigator will be well poised to pursue NIH/DOD or the equivalent large-scale funding to continue to advance the area of research.

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

LOI Deadline: Aug 15, 2016

Website: <http://www.oref.org/grants-and-awards/grant-programs/general-grants>

### **20. Collaborative Awards in Science, Wellcome Trust**

Collaboration promotes the development of new ideas and can bring disciplines together to speed the pace of discovery. The Trust has therefore launched a new Collaborative Award scheme, supporting groups of researchers who are pursuing scientific problems. The Trust encourages applications which propose to carry out interdisciplinary research across our Science, Humanities and Social Sciences, and Innovations funding.

Award Amount: Up to £4,000,000 GBP for 5 years

Preliminary Proposal: Aug 22, 2016

Website: <https://wellcome.ac.uk/funding/collaborative-awards-science>

### **21. Collaborative Awards in Humanities and Social Science, Wellcome Trust**

Collaborative Awards provide flexible support to excellent research groups with outstanding track records. Proposals must address important, complex health-related questions in the

humanities and social sciences that need a collaborative team effort. Funding can be used to coordinate and integrate activities, build networks, and carry out large-scale potentially interdisciplinary research.

The Wellcome Trust also encourages applications which propose to carry out interdisciplinary research across their Humanities and Social Science, Science and Innovations funding.

Award Amount: Up to £2,000,000 GBP paid over 5 years

Pre-Application Deadline: Jul 8, 2016

Website: <https://wellcome.ac.uk/funding/collaborative-awards-humanities-and-social-science>