



PRIVATE FUNDING OPPORTUNITIES: DEC 8, 2017

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 be aware 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 submitting a proposal. Training fellowships from foundations, public charity, and non-profit organizations are excluded from this minimum IDC requirement.

1. Arthritis and the Aging Process Research Grant, Arthritis National Research Foundation (ANRF)

In a collaborative effort, the Arthritis National Research Foundation (ANRF) and the American Federation for Aging Research (AFAR) are seeking grant applications that focus on studying the underlying mechanisms of the aging process as it relates to arthritis.

Award Amount: \$100,000 for 1 year

Indirect Costs: None

Application Deadline: Jan 12, 2018

Website: <http://www.curearthritis.org/arthritis-aging-research-grant/>

2. Arthritis Research Grants, Arthritis National Research Foundation (ANRF)

The Arthritis National Research Foundation (ANRF) is seeking grant applications that focus on studying arthritis and related autoimmune diseases including but not limited to:

- osteoarthritis
- rheumatoid arthritis
- juvenile arthritis
- lupus
- psoriatic arthritis
- gout
- scleroderma
- fibromyalgia
- ankylosing spondylitis



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.

Award Amount: \$100,000 for 1 year

Indirect Costs: None

Application Deadline: Jan 12, 2018

Website: <http://www.curearthritis.org/arthritis-research-grants/>

3. Psoriatic Arthritis Research Grant, Arthritis National Research Foundation (ANRF)

In a collaborative effort, the Arthritis National Research Foundation (ANRF) and the National Psoriasis Foundation (NPF) are seeking grant applications that focus on studying psoriatic arthritis.

The Arthritis National Research Foundation (ANRF) is seeking grant applications that focus on studying arthritis and related autoimmune diseases including but not limited to:

- osteoarthritis
- rheumatoid arthritis
- juvenile arthritis
- lupus
- psoriatic arthritis
- gout
- scleroderma
- fibromyalgia
- ankylosing spondylitis

Award Amount: \$100,000 for 1 year

Indirect Costs: None

Application Deadline: Jan 12, 2018

Website: <http://www.curearthritis.org/arthritis-research-grants/>

4. CRI Irvington Postdoctoral Fellowship Program, Cancer Research Institute (CRI)

The CRI Irvington Postdoctoral Fellowship Program supports qualified young scientists at leading universities and research centers around the world who wish to receive training in cancer immunology.

The Institute seeks hypothesis driven, mechanistic studies in both immunology and tumor immunology. The applicant and sponsor must clearly state the potential of the proposed studies to directly impact our understanding of the immune system's role in cancer risk, tumor initiation, progression, metastasis, host response to tumors and/or the treatment of cancer.

Fellows work and continue their training under the guidance of a world-leading immunologist, who mentors the fellow and prepares him or her for a productive and successful career in cancer immunology.

An eligible project must fall into the broad field of immunology and must show relevance to solving the cancer problem. Proposals that do not encompass both these areas will not be considered.

The fellowship can be performed in the United States or abroad, but must take place at a non-profit institution.

Award Amount: Up to \$171,000 paid over 3 years

Indirect Costs: None

Application Deadline: Apr 2, 2018

Website: <http://www.cancerresearch.org/postdoc/apply>

5. FUSF-CRI Grant Program (Focused Ultrasound and Cancer Immunotherapy Grant Program), Cancer Research Institute (CRI) New

The Cancer Research Institute (CRI) and the Focused Ultrasound Foundation (FUSF) established a partnership in 2017 with the goal of advancing the development of new focused ultrasound (FUS) and cancer immunotherapy treatments. As a key component of the partnership, CRI and FUSF will jointly fund research through a new grant program, guided by a panel of advisors with expertise in FUS and cancer immunology/immunotherapy. The aim of the grant program is to support projects that address critical unanswered research questions that will help move the field towards new device/drug combination therapies.

This first request for proposals seeks preclinical projects to answer the following research question:

How do different "modes" of focused ultrasound (i.e. ablative vs. non-ablative, thermal vs. mechanical) compare in terms of the immune response generated, and how does this immune response correlate with biological, acoustic and imaging metrics?

The intent is to provide a detailed assessment of the FUS-induced immune response corresponding to specific sets of acoustic parameters, and also to identify biological and/or imaging metrics (e.g. MR, ultrasound) that could be more readily used in a clinical setting to signify an effective treatment. With the wide range of preclinical and clinical FUS devices being used today, it is also important that the acoustic parameters are fully described so they are translatable between systems.

For consideration, proposed projects must meet the following requirements:

- Projects must be collaborative and should include a team of at least one FUS researcher and one cancer immunologist.
- Projects must include justification of preclinical tumor model, i.e. clinical significance, potential for translation.

- The following metrics must be captured (these are only minimum requirements and additional metrics are encouraged):
 - Immunological: measurements of acute and long-term innate and adaptive immune response to FUS at the tumor site (e.g., number of activated CD4+ T cells, NK cells, MDSCs, etc.). Include assessment of the molecular/signaling drivers of these responses (DAMPs, alarmins, IFN γ , etc.) as well as metrics that may inform combination (drug+device) therapies (e.g. PD-L1 and CTLA-4 expression)
 - Biological: e.g. analysis of tumor tissue and blood samples pre- and post-FUS
 - Acoustic: intensity/pressure (derated and non-derated), voltage/power/energy or whichever parameter used on FUS device, pulsing parameters, sonication duration, frequency, transducer characteristics (diameter, focal depth, etc.)
 - Imaging: ultrasound or MR protocols (MR thermometry, ARFI, shear wave imaging, elastography) used for treatment monitoring

Award Amount: \$200,000 paid over 2 years

Indirect Costs: None

LOI Deadline: Jan 15, 2018

Website: <https://www.cancerresearch.org/scientists/fellowships-grants/impact-grants/focused-ultrasound-cancer-immunotherapy-grant>

6. New Investigator Fellowship Training Initiative (NIFTI), Foundation for Physical Therapy (FPT)

The NIFTI is designed to fund physical therapists and physical therapist assistants as developing researchers and to improve their competitiveness in securing external funding for their future research.

The Foundation, like the physical therapy profession, is dedicated to the goal of improving the quality and delivery of patient care. The Foundation accomplishes this goal by providing support to new investigators to promote development of research careers pursuing scientifically based and clinically relevant research that demonstrates the clinical effectiveness and functional outcomes of physical therapy practice.

The Foundation supports only those intervention studies in which the interventions are provided by physical therapists, or selected components of the interventions are provided by PTAs under the direction and supervision of physical therapists.

In order to be eligible for funding through a NIFTI, the post-professional, post-doctoral experience must provide mentored research training in an area that is relevant to physical therapy. The experience may be an expansion of the applicant's post-professional doctoral research program and/or must enhance the applicant's research capabilities that contribute to the knowledge base of physical therapy.

Applicants must begin to address the most critical questions regarding clinical research as outlined in APTA's Research Agenda (RA) and explain how the proposed project will contribute to the needs of the physical therapy profession, including its implications for physical therapy theory and practice. Preference will be given to those projects that directly address the RA. If a proposed project does not directly address an item or items in the RA, the applicant must explain how the project will enable the applicant to directly address the RA in the future. The RA is provided as a guide to identify critical research questions in physical therapy.

Priority will also be given to applicants who have a:

- Demonstrated commitment as a physical therapist to pursue a career in research;
- Demonstrated commitment from his/her mentor and a strong mentor-mentee relationship;
- Demonstrated ability of the mentor and fellowship environment to foster quality research.

Award Amount: \$100,000 paid over 2 years

Indirect Costs: None

Application Deadline: Jan 10, 2018

Website: <https://foundation4pt.org/funding-opportunities/fellowships/new-investigator-fellowship-training-initiative-nifti/>

7. Norman E. Shumway Career Development Award Joel D. Cooper Career Development Award, International Society for Heart and Lung Transplantation (ISHLT)

The awards are aimed to support the rising stars of basic, clinical or translational research at a critical time in their independent research career. The awardee will have already established a track record in the field of heart or lung transplantation, the failing heart or lungs or mechanical circulatory support and will aim to further develop their career in one of these areas.

The results of funded research must be submitted in one of the following formats within three years of the initial date of funding:

- as a manuscript to the Journal of Heart and Lung Transplantation
- as an abstract for the ISHLT Annual Meeting and Scientific Sessions
- as a report for publication in the Journal of Heart and Lung Transplantation

Award Amount: \$160,000 paid over 2 years

Indirect Costs: None

Application Deadline: Jan 15, 2018

Website: <http://www.ishlt.org/awards/grantsandScholarships.asp>

8. Research Grant Program, Mendez National Institute of Transplantation Foundation New

The Mendez National Institute of Transplantation Foundation (MNITF) is a public non-profit organization that adheres to its mission of advancing the science and practice of organ transplantation and end-stage organ disease therapies through research, education, and innovation. Building upon the vision and legacy of our founders, Doctors Robert and Rafael Mendez, the MNITF awards grants semiannually to researchers through our Research Grant Program (RGP), in order to improve clinical outcomes and positively impact the field of transplantation. We plan to achieve this by:

- Creating a comprehensive, multi-disciplinary program of research that advances scientific knowledge which will improve clinical outcomes in transplantation;
- Integrating the field of transplantation with the latest donor screening technologies, immunogenetics, post-transplant monitoring, and advancements in regenerative medicine;
- Making unique contributions to biology and medicine by developing new diagnostic and therapeutic paradigms;
- Empowering patients with end-stage organ disease and transplant recipients through education to proactively manage their health and improve their long-term outcomes.

Award Amount: \$50,000-\$150,000 paid over 1 year

Indirect Costs: 10%

LOI Deadline: Jun 15, 2018

Website: <http://www.mnitf.org/research-funding/>

9. Clinical Investigator Award, Society of Surgical Oncology (SSO)

The purpose of this award is to promote patient-oriented research conducted by surgical oncologists in clinical and translational science.

The Foundation requests a proposal in which the applicant plays a central role in the conduct of a specific clinical research project. This might include for example a leadership role in a clinical trial, in a prospective cancer outcomes study, or a translational research project related to a prospective clinical trial. The clinical research focus must be hypothesis-driven and must have a direct patient-oriented focus. Clinical trials may be investigator-initiated, industry-driven or organized by a cooperative group.

Of note, this award is not intended to serve as a career development award for new investigators seeking to initiate their research careers.

Award Amount: \$100,000 paid over 2 years

Indirect Costs: None

Application Deadline: Jan 7, 2018

Website: <http://www.surgonc.org/foundation/clinical-investigator-awards>

10. Grants for Research and Development Projects, Stiftelsen Promobilia - Promobilia Foundation

The aim of the Foundation is to promote the development of technical aids so that disabled persons can benefit from a more active life. Their task is to support research and development of technical aids as well as to ensure that those products make it through production and reach those in need.

The Foundation mainly gives support for development of tools for handicapped mobility but has also supported research on the comprehension of reading and writing difficulties. The Foundation has also supported research around diseases that can lead to severe motion problems.

The foundation only supports projects that are in line with its objectives. In general, the results should be useful for a larger group and should be made known through open publication.

Award Amount: \$10,000-\$100,000

Indirect Costs: 20%

Application Deadline: Mar 22, 2018

Website: <http://www.promobilia.se/?lang=en>