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Please note that a faculty member’s research administrator will serve as the liaison on all aspects of the internal application process. If you are unsure of whom to talk to, your department contact can be found at the following link. If you pursue any grant opportunity featured in this report, please contact your research administrator first to formulate a submission plan and timeline.

The UMHS Corporate and Foundation Relations team can assist in this process, including providing direct communication with the funding entity to obtain guidance on project appeal/applicability to the funder, provide examples of previously funded UM proposals, and answer general faculty questions.

Internal Funding Opportunity

Grantor: W. M. Keck Foundation

Grant Opportunity: Research Grants

Keyword: Basic Science; Research Grant

Award Amount: $1,200,000

Deadline: December 18, 2017

W.M. Keck Science & Engineering and Medical Research Programs-Phase I

https://umich.infoready4.com/?utm_source=U-M+Research+Communications&utm_campaign=0975b89b7a-EMAIL_CAMPAIGN_2017_11_07&utm_medium=email&utm_term=0_83a27c7a07-0975b89b7a-192076049&mc_cid=0975b89b7a&mc_eid=658fd7e061#competitionDetail/1765788

Limited Submission Opportunity

U-M Internal Deadline: December 18, 2017

Keck Foundation Application Deadline: May 1, 2018

Amount: $1,000,000-$1,200,000 over 2-3 years

Focus Areas: Risky and breakthrough work in:

Science and Engineering – Supports pioneering science and engineering research and the development of promising new technologies.

Medical Science – Seeks to advance the frontiers of the life sciences by supporting basic research that is high-risk.
Keck seeks projects that are distinctive and novel in their approach to problems. High-risk projects with potential for transformative impact are strongly encouraged. High-risk projects can push the edge of the field, present unconventional approaches to intractable problems, involve emerging technologies or tools modified across disciplinary boundaries, or challenge the prevailing paradigm. Transformative projects could create a new field of research, develop new instrumentation enabling observations not previously possible, or discover knowledge that challenges prevailing perspectives. Innovations and inventions should be in the future, not already published. Keck will want evidence of your federal proposal(s) on the project and feedback that cites risk or interdisciplinarity as the reason the federal government won’t support it.

Limited: U-M will internally select eight (8) concepts to bring to the foundation for feedback. U-M will then put forward up to two of the eight as fuller Phase I proposals for the May 1 deadline.

The Research Program seeks to benefit humanity by supporting projects in two specific areas (1) medical research and (2) science and engineering, that are distinctive and novel in their approach, question the prevailing paradigm, or have the potential to break open new territory in their field. Past grants have been awarded to major universities, independent research institutions, and medical schools to support pioneering biological and physical science research and engineering, including the development of promising new technologies, instrumentation or methodologies.

Questions:

For more information regarding the review process and best practices in preparing your concept paper, please direct them to Maureen Martin (734-647-6074) in Foundation Relations. Link to Foundation Relations Keck information website.


For questions regarding the internal competition deadline or internal submission process, please direct them to Tricia Ebright at UMOR.

Internal Submission Deadline: Monday, December 18, 2017 at 5:00 PM

Grantor: Stanley Medical Research Institute

Grant Opportunity: Program Funding

Keyword: Chronic Diseases; Drug Discovery & Development; Psychiatric; Research Grant

Award Amount: $900,000

Deadline: March 15, 2018

Request for Applications: Stanley Medical Research Institute Treatment Trials
The purpose of this program is to support the testing of medications to assess their efficacy for treating schizophrenia and bipolar disorder. At any given time, SMRI is supporting 50-60 treatment trials, the majority of which are generic and/or off-label medications.

Application Submissions: SMRI is soliciting applications again this year for treatment trials of biological interventions which may be useful for improving the symptoms of individuals with schizophrenia or bipolar disorder. We expect to fund 5 to 7 studies this year.

SMRI is most interested in supporting research on the efficacy of drugs which act on the immune system or infectious agents, but ultimately we are interested in the best ideas available, related or not to immune hypotheses. SMRI aims to support clinical trials testing the efficacy of compounds or biological interventions. Although studies can include a psychosocial component, studies that have a psychosocial intervention as the primary focus will not be considered, nor will analyses of existing data, or trials of drugs focused on alleviating side effects of existing medications. Applications should include information regarding whether the proposed compound crosses the blood brain barrier, with supporting data. If the compound does not cross the blood brain barrier, explanation will be needed as to why the compound could be helpful for treating schizophrenia or bipolar disorder.

We can only fund studies that can be finished and have results in no more than 5 years after funding. If you cannot guarantee that your study will be finished and results analyzed within 5 years of funding, please do not submit a proposal.

For most awards the maximum amount $300,000 per year for up to three years, depending on the stage of development of compounds to be tested and the type of trial required. Special treatment trials may be funded at a higher level. If you want to propose a higher amount, please consult SMRI before submitting.

The deadline for applications is March 15th, 2018.

Grantor: Alzheimer's Association and the Tau Consortium

Grant Opportunity: Research Grants

Keyword: Alzheimer Disease & Other Dementias; Basic Science; Chronic Diseases; Drug Discovery & Development; Neurological Disorders; Research Grant

Award Amount: $750,000

Deadline: January 5, 2018

Tau Pipeline Enabling Program (T-PEP)

https://www.alz.org/research/alzheimers_grants/T-PEP.asp
Program objective: Many devastating neurodegenerative disorders are associated with the abnormal build-up and/or spreading of the tau protein. These diseases are known as "tauopathies". They include Alzheimer's Disease (AD), Progressive Supranuclear Palsy (PSP), and other forms of frontotemporal dementia, among others. Tauopathies share the concept that synaptic loss, dendrite pruning and/or neuronal dysfunction are the most proximal events associated with the clinical expression of the dementia.

The Tau Pipeline Enabling Program (T-PEP) seeks to accelerate the discovery of potential new therapies for tauopathies. The intent of this program is to enrich the pipeline for therapy development by facilitating the translation of academia derived ideas into practical application. In short, it bridges the gap between innovative but resource-constrained researchers and the larger pharmaceutical companies that are looking for drug candidates to be taken into human trials.

Program overview: The overarching goal of T-PEP is to promote the advanced study of a wide range of novel targets, agents and/or therapeutic strategies that will accelerate the development of disease modifying interventions for tauopathies.

Proposals responding to this program may focus on the toxicity of tau directly and/or they may target their studies on potential neurobiological mechanisms that promote or synergize tau formation or toxicity, e.g. calcium dyshomeostasis, mitochondrial dysfunction, neuroinflammation, microtubule stability (or instability) and function, axon transport, synapse dysfunction/loss, and other tau-related mechanisms. Applications addressing related mechanisms must include the rationale that it will prevent, reduce, remove or otherwise mitigate the toxic effects of tau build up. Funds awarded under this program may be used for one or more steps in the drug discovery pipeline, including but not limited to i) assay development and high throughput screening, ii) lead optimization, and iii) IND-enabling studies, including related GMP scale-up/manufacture.

T-PEP recognizes that the world-class investigators who initially conceive of new therapeutic strategies are unlikely to possess the full range of expertise needed to independently advance their ideas through the drug discovery process. Accordingly, T-PEP encourages the use of interdisciplinary teams of academic collaborators, contract research organizations (CROs), and/or outside consultants who can assist in moving these projects forward.

T-PEP is open to researchers at academic institutions as well as small companies. The maximum grant amount is $750,000. Preference will be given to proposals where the institution contributes to the direct costs in a 1-for-2 match (one-third institution, two-thirds T-PEP).

Letters of Intent (LOI) must be received by 5:00 PM EST, January 5, 2018.

Grantor: Vertex Pharmaceuticals Incorporated
Grant Opportunity: Research Grants
The Vertex CF Research Innovation Awards (CF RIA) support and inspire the next generation of researchers who are advancing the understanding of cystic fibrosis (CF).

Awards are chosen by an independent steering committee and applications will be accepted from candidates in the US, Canada, Austria, Belgium, Denmark, France, Germany, Greece, Italy, Ireland, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK, and Israel.

Independent Research Innovation Award: Up to 2 grants of $750,000 are available to newly independent researchers conducting an independent research program over 3 years

Mentored Research Innovation Award: Up to 4 grants of $125,000 are available to junior investigators conducting a 2-year mentored research project

Deadline for applications: 8 January 2018

Grantor: Sontag Foundation

The Distinguished Scientist Award (DSA) seeks to provide career and research support to early career scientists who demonstrate outstanding promise for making scientific and medical breakthroughs in the field of brain cancer research.

Recipients of the award are inspired individuals with projects that show potential to generate new knowledge relating to causes, cure or treatment of primary brain tumors/brain cancer. Applicants
are carefully considered and selected by The Sontag Foundation and its independent Scientific Advisory Board based on the scientific merit of the proposed project, career trajectory, peer and mentor references and an onsite research facility visit. In determining the overall scientific merit of an application, the Scientific Advisory Board, scores applications based on the NIH review criteria of: significance, investigator, innovation, approach, and environment.

The award provides $600,000 in funding over a four-year period. Over that time, recipients also receive additional support from the Foundation through its vast network of scientists in the field primarily through the Foundation's annual Scientific Retreat.

The application deadline for 2018 is March 14, 2018.

Grantor: Swiss Federal Institute of Technology Zurich (ETH)
Grant Opportunity: Research Fellowships
Keyword: Basic Science; Post-Doctoral Fellowship
Award Amount: $505,698
Deadline: January 15, 2018

The Branco Weiss Fellowship – Society in Science

https://brancoweissfellowship.org/

Offering Unique Postdoc Fellowships

The Branco Weiss Fellowship – Society in Science is a unique postdoc program. It awards young researchers around the world with a generous personal research grant, giving them the freedom to work on whatever topic they choose anywhere in the world, for up to five years.

This research fellowship is designed to support postdoctoral researchers after their PhD and before their first faculty appointment. Those in current postdoctoral positions are also eligible. Ideally, fellows pursue unconventional projects in new areas of science, engineering and social sciences.

Goals and Objectives

Through scientific advancements an array of economic, social, political and cultural changes are provoked and facilitated. Likewise, social processes and values impact the evolution of science and technology.

The fellowship is designed for postdocs at home in sciences, engineering and social sciences who are willing to engage in a dialogue on relevant social, cultural, political or economic issues across the frontiers of their particular discipline.
Duration

The five-year fellowship is awarded in two installments:

The pioneer phase: the first two years of research

The exploitation phase: the remaining three years

At the end of the pioneer phase, a review is conducted. This evaluates the project, its continued originality, and the productivity of the fellow. Branco Weiss Fellows are encouraged to seek faculty positions during their exploitation phase; success hereby will not terminate the fellowship.

Seeking Creative Minds

Candidates that present an unusual research project that departs from the mainstream and that have a remarkable track record will be short-listed and could emerge from the annual selection process with an award for the prestigious grant.

Apply with a groundbreaking research idea to secure financial support for up to five years, working at an academic institution of your choice anywhere in the world.

Funding: A Branco Weiss Fellowship consists of CHF 100,000 per year.

The registration portal for the 2018 fellowship intake is now open, and will close on January 15, 2018, 11.59 p.m. (CET).

Grantor: JDRF

Grant Opportunity: Research Grants

Keyword: Basic Science: Chronic Diseases; Diabetes; Diabetes – Type I; Research Grant

Award Amount: $400,000

Deadline: December 20, 2017

Request for Applications: Restoring Pancreatic Alpha Cell Function to Improve Metabolic Control in Type 1 Diabetes


Purpose: JDRF is committed to facilitating the discovery and translation of promising targets or therapeutics to improve and restore glycemic control in people with type 1 Diabetes (T1D). To this end, JDRF is soliciting letters of intent for research to evaluate molecular and cellular mechanisms, validate drug targets, or propose novel therapeutic interventions to correct alpha cell dysregulation and improve metabolic control in T1D.
Background: Type 1 Diabetes is characterized by autoimmune-mediated loss of pancreatic beta cells and our understanding of the pathogenesis has traditionally revolved around insulin deficiency. However, there is an increasing appreciation of the contributions of other pancreatic cell types in controlling blood glucose levels and the consequences of their dysregulation in T1D. Alpha cells, composing 40% of the total number of cells in the islet, secrete glucagon which controls blood levels in the fasting state. Impaired glucagon secretion predisposes people with T1D to hypoglycemia, whereas hyperglycemia is associated with over secretion and hyperglucagonemia. To achieve the therapeutic objective of restoring alpha cell function and improving metabolic control in individuals living with T1D, JDRF will support applications that address the mechanisms of alpha cell dysfunction and/or present rational design of therapeutic strategies aimed at restoring alpha cell function in T1D.

Up to a maximum of $200,000 USD per year including 10% indirect costs for up to 2 years may be requested. The level of funding will vary depending on the scope and overall objectives of the proposal.

- Project proposals of up to 36 months duration and/or higher budget may be considered

Letter of Interest Deadline Wednesday, December 20th, 2017, 5pm US Eastern Time

Grantor: American Heart Association
Grant Opportunity: Pilot or Seed Funding
Keyword: Basic Science; Cardiovascular; Public Health; Research Grant
Award Amount: $300,000
Deadline: January 23, 2018

American Heart Association Transformational Project Award

https://professional.heart.org/professional/ResearchPrograms/UCM_497208_Transformational-Project-Award.jsp

Statement of Purpose

To support highly innovative, high-impact projects that build on work in progress that could ultimately lead to critical discoveries or major advancements that will accelerate the field of cardiovascular and stroke research.

Research deemed innovative may be built around an emerging paradigm, approaching an existing problem from a new perspective, or exhibit other uniquely creative qualities.

The Transformational Project Award (TPA) represents the second phase of a successful exploratory study that is already showing a high probability of revealing new avenues of investigation; proposals should include preliminary data.
This program aims to provide pilot or seed funding that should lead to successful competition for additional funding beyond the pilot period. The principal investigator (PI) is responsible for clearly and explicitly articulating the project's innovation and the potential impact on cardiovascular and stroke research.

Science Focus: All basic, clinical, translational and population research broadly related to cardiovascular function and disease and stroke, or to related clinical, basic science, bioengineering or biotechnology, and public health problems.

Disciplines: AHA awards are open to the array of academic and health professionals. This includes but is not limited to all academic disciplines (biology, chemistry, mathematics, technology, physics, engineering, etc.) and all health-related professions (physicians, nurses, nurse practitioners, pharmacists, physical and occupational therapists, statisticians, nutritionists, etc.).

Clinical, translational, population, and basic scientists are encouraged to apply. AHA maintains dedicated Peer Review Committees by science type and subject. The extent to which the focus of the project is related to CVD and/or stroke is an important factor that will be considered. However, the applicant is not required to be a part of cardiovascular/stroke-oriented laboratory, clinic or department.

Total Award Amount: $300,000
Application Deadline: Jan. 23, 2018

Grantor: National Operating Committee on Standards for Athletic Equipment
Grant Opportunity: Research Grants
Keyword: Kinesiology or Sports Medicine; Research Grant
Award Amount: $250,000
Deadline: May 1, 2018

The mission of the National Operating Committee on Standards for Athletic Equipment (NOCSAE) is to commission research in sports medicine and science and, where feasible, establish standards for athletic equipment. Accordingly, the intent of the NOCSAE grant program is to commission investigator-initiated research and to provide support for education, health, and safety research and development. The NOCSAE research plan proposed by the applicant must be related to NOCSAE’s stated program interests. NOCSAE will fund awards under two separate mechanisms, (1) small pilot developmental studies, (not to exceed $50,000 in
direct costs for one year) and (2) traditional research projects (not to exceed $250,000 in direct costs over two years). NOCSAE is very interested in funding the small pilot development studies listed above.

Specific Areas of Research Interest

NOCSAE invites all investigator-initiated proposals that address NOCSAE’S core mission. Specific research topics of interest include, but are not limited to:

- Studies that inform existing helmet safety standards
- Investigators developing youth helmet standards
- The mechanical and biological mechanisms of injury and recovery
- The application of developed tools and equipment for injury prevention

Your complete application must be received by May 1, 2018.

Grantor: American Parkinson Disease Association
Grant Opportunity: Fellowship
Keyword: Chronic Diseases; Neurological Disorders; Neuromuscular Disorders; Post-Doctoral Fellowship
Award Amount: $240,000
Deadline: March 12, 2018

American Parkinson Disease Association Dr. George C. Cotzias Memorial Fellowship – Academic Year 2018-2019

https://www.apdaparkinson.org/research/research-opportunities/dr-george-c-cotzias-memorial-fellowship/

The goal of the Cotzias fellowship is to assist promising young neurologists in establishing careers in research, teaching and clinical services relevant to the problems, causes, prevention, diagnosis and treatment of Parkinson’s disease and related neurological movement disorders. This is a fellowship of $80,000 per year for three years, not renewable.

Deadline to apply: 03/12/2018

Grantor: American Heart Association
Grant Opportunity: Research Grants
American Heart Association Innovative Project Award

https://professional.heart.org/professional/ResearchPrograms/UCM_497202_Innovative-Project-Award.jsp

Statement of Purpose

To support highly innovative, high-impact research that could ultimately lead to critical discoveries or major advancements that will accelerate the field of cardiovascular or stroke research.

Research deemed innovative may introduce a new paradigm, challenge current paradigms, look at existing problems from new perspectives, or exhibit other uniquely creative qualities.

Innovative Project Award (IPA) promotes unexplored ideas; therefore, preliminary data is not required and not accepted as part of the proposal. However, a solid rationale for the work must be provided.

Proposed work should not be the next logical step of previous work, but should have a high probability of revealing new avenues of investigation, if successful.

The principal investigator (PI) is responsible for clearly and explicitly articulating the project's innovation and the potential impact on cardiovascular and stroke research.

The idea proposed here should not have been submitted in whole or in part in a previous proposal for AHA support.

Science Focus: All basic, clinical, translational and population research broadly related to cardiovascular function and disease and stroke, or to related clinical, basic science, bioengineering or biotechnology, and public health problems.

Disciplines: AHA awards are open to the array of academic and health professionals. This includes but is not limited to all academic disciplines (biology, chemistry, mathematics, technology, physics, engineering, etc.) and all health-related professions (physicians, nurses, nurse practitioners, pharmacists, physical and occupational therapists, statisticians, nutritionists, etc.).

Clinical, translational, population, and basic scientists are encouraged to apply.

Total Award Amount: $200,000

Application Deadline: Jan. 11, 2018
Grantors: ALK Positive and LUNGevity Foundation
Grant Opportunity: Research Grants
Keyword: Cancer; Chronic Diseases; Lung Cancer; Research Grant
Award Amount: $200,000
Deadline: January 16, 2018

2018 ALK-Positive Lung Cancer Transformational Research Award


ALK Positive, a group of 700+ ALK-positive patients and their caregivers who have raised significant funds for research, and LUNGevity Foundation are partnering to support high-impact research that seeks to transform the future for patients affected by ALK-positive non-small cell lung cancer. This is the first group of ALK-positive patients to directly influence the direction of research that will, one day, save their lives.

The project to be funded is expected to have a direct impact on the outcomes of patients with ALK-positive lung cancer, but innovative proposals that address other unmet needs in the ALK-positive lung cancer space are also invited for submission. Applicants are encouraged to propose projects that utilize the resources of the ALK Positive members, which include their available histories, opinions, tissues, bodily fluids, and any other aspects of their condition.

The award may be for a maximum of $200,000
Letter of Intent Deadline: Tuesday, January 16, 2018 (11:59 pm EST)

Grantor: Cancer Research Institute
Grant Opportunity: Research Grants
Keyword: Basic Science; Cancer; Chronic Diseases; Immuno-oncology; Research Grants
Award Amount: $200,000
Deadline: November 1, 2018

Clinic & Laboratory Integration Program (CLIP)

https://www.cancerresearch.org/scientists/fellowships-grants/translational-research-grants
The Cancer Research Institute funds research aimed at furthering the development of immunological approaches to the diagnosis, treatment, and prevention of cancer. The Institute's mission is to bring effective immune system-based therapies to cancer patients sooner.

To this end, CRI offers its Clinic and Laboratory Integration Program (CLIP) Grants to qualified scientists who are working to explore clinically relevant questions aimed at improving the effectiveness of cancer immunotherapies. The program supports basic, pre-clinical, and translational research that can be directly applied to optimizing cancer immunotherapy in the clinic.

Overview: The development of new and effective cancer treatment requires the translation of basic laboratory discoveries into novel therapies that can be tested in patients. This area of translational research—where laboratory findings move into clinical testing, and where questions from clinical studies are brought back into the lab—is critical to bringing new and better immunotherapies to patients.

The Cancer Research Institute established CLIP to support investigators who are studying critical topics at the intersection of laboratory and clinical research. CLIP grants provide up to $200,000 over a two-year period.

Letters of Intent Deadline: November 1, 2018

Grantor: Cancer Research Institute

Grant Opportunity: Research Grants

Keyword: Basic Science; Cancer; Chronic Diseases; Devices & Robotics; Immuno-oncology; Research Grants

Award Amount: $200,000

Deadline: January 15, 2018

Focused Ultrasound and Cancer Immunotherapy Grant Program


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, IFNy, 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

Grants are $200,000, payable over two years

The deadline for the receipt of the Letter of Intent is January 15, 2018.

Grantor: Edward Mallinckrodt, Jr Foundation

Grant Opportunity: Research Grants
Keyword: Basic Science; Career Development; Research Grant

Award Amount: $180,000

Deadline: August 1, 2018

Edward Mallinckrodt, Jr Foundation Grants Program

http://emallinckrodtfoundation.org/Application.html

Any domestic biomedical institution, whether solely research or educational, is invited to submit one candidate for the Mallinckrodt Board's consideration.

The mission of the Foundation is to support early stage investigators engaged in basic biomedical research that has the potential to significantly advance the understanding, diagnosis or treatment of disease.

The funds are designed to provide faculty members who hold M.D. and/or Ph.D. degrees, and who are in the first to fourth year of a tenure-track position, with support to move the project forward to the point where R01 or other independent funding can be obtained. Applicants with current R01 funding should not apply.

The regular grants provide $60,000 per year for a period of up to three years. The grants are not renewable. Institutions may submit one proposal annually.

Annual submission deadline: August 1

Grantor: Cancer Research Institute

Grant Opportunity: Postdoctoral Fellowship Program

Keyword: Cancer; Chronic Diseases; Immuno-oncology; Post-Doctoral Fellowship

Award Amount: $175,500

Deadline: April 2, 2018

Cancer Research Institute Irvington Postdoctoral Fellowship Program


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.

Financial Information: Newly awarded fellowships provide a stipend of $55,000 for the first year, $57,000 for the second year, and $59,000 for the third year. In addition, an allowance of $1,500 per year is allotted to the host institution for use at the sponsor’s discretion to help pay for the fellow’s research supplies, travel to scientific meetings, and/or health insurance.

Application Deadline: April 2, 2018

Grantor: NephCure Kidney International

Grant Opportunity: Research Grants

Keyword: Chronic Diseases; Kidney Disease; Research Grant

Award Amount: $150,000

Deadline: February 8, 2018

NephCure Kidney International – Neptune Ancillary Studies Award

https://nephcure.org/research/apply-for-research-grants/1370-2/

Objectives: NephCure Kidney International (NKI) in cooperation with the NIH-sponsored NEPTUNE Consortium announces a research grant program to support investigator-initiated studies that employ NEPTUNE resources to advance clinical and translational research in glomerular disease. The program is open to all scientists, whether a participant in the NEPTUNE Consortium or not. Proposed projects can include but are not limited to those that can be used to generate feasibility data to support advancement of promising future studies and projects to develop clinical assays, or protocols, or early phase clinical trials. NKI will provide funding of up to $150,000 direct cost per project after a competitive process to select the most meritorious project. Wherever possible, proposals should adhere to the guiding principles of the Consortium that include:

Collaboration among participants within the NEPTUNE Consortium, and between NEPTUNE and external investigators conducting pilot or ancillary studies using Consortium resources, is essential to the success of the program.

Integration: NKI and NEPTUNE understand—and will take advantage of—the dramatic benefits to advancing glomerular disease science inherent in employing a multi-disciplinary approach.

Sharing: NEPTUNE will serve as a resource to the community of scientists and lay persons interested in studying FSGS, MN, or MCD. The Consortium’s ability to share its systematically
collected data, biological specimens, and infrastructure for future ancillary studies is as important to advancing this field as studies conducted directly by NEPTUNE.

Networking: The existence and experience of maintaining a network of investigators and clinical study sites with experience in glomerular disease research will dramatically facilitate organizing and conducting future clinical studies by investigators in the public and private sectors.

Deadline to submit a letter of intent /NEPTUNE Ancillary Study Concept Sheet to NEPTUNE (email NEPTUNE-STUDY@umich.edu for more information): February 8, 2018.

Grantor: Pfizer

Grant Opportunity: Research Grants

Keyword: Basic Science; Cardiovascular; Chronic Diseases; Diabetes; Health Policy & Research; Inflammatory Bowel Disease; Lupus; Research Grant; Rheumatology

Award Amount: $150,000

Deadline: January 19, 2018

2018 ASPIRE Rheumatology & Inflammatory Bowel Disease Research Awards

http://www.aspireresearch.org/Rheumatology/index.html

This ASPIRE program is part of Pfizer's commitment to supporting research in autoimmune diseases within rheumatology and inflammatory bowel disease.

Mission: The mission of the ASPIRE program is to fund high quality basic science, translational and clinical research through a competitive grants program that advances medical knowledge in the epidemiology, pathogenesis and treatment of selected diseases.

Background: Scientific research continues to advance our knowledge and understanding of autoimmune diseases within rheumatology and inflammatory bowel disease. The 2018 ASPIRE Rheumatology and Inflammatory Bowel Disease Research Awards will fund meritorious research proposals that have the potential to improve patient care.

Areas of Focus

Research areas of interest in rheumatologic disorders and diseases and inflammatory bowel disease are described below:

General
Approaches to improving communication among patients and healthcare providers (e.g., enduring materials, technological advancements, or web-based teaching programs)

Health economic and outcomes research related to selected autoimmune diseases

Basic research in the etiology of selected autoimmune and inflammatory diseases in rheumatology or gastroenterology.

Rheumatologic Disorders and Diseases

Conditions of interest include, but are not limited to: RA, PsA, SLE, ILD

Use of biomarkers in assessment and management

Use of ultrasound and magnetic resonance imaging in assessment and management

Comorbid conditions, such as diabetes, cardiovascular, pulmonary, or ophthalmologic, and increased risks with concomitant therapies used to treat these comorbidities (including, but not limited to, epidemiology, overlapping pathogenesis, assessment, and management of these conditions)

Approaches to improving adherence to therapy

Approaches to improving management such as: treating to a specific goal or target by monitoring response and adjusting therapy; evidence-based treatment algorithms; factors predictive of response to therapy

Signaling pathways implicated in pathogenesis

Kinase inhibitors and other small molecules that are not being studied currently by a company competing with Pfizer Inc

Inflammatory bowel disease

Approaches to improving disease management (e.g. evaluation of sequencing of therapy, treating to a specific goal or target)

Use of biomarkers (of any type) to predict response to treatment, disease course, or to differentiate between Crohn's disease and ulcerative colitis
Evaluation of the increased risk of cardiovascular disease in patients with IBD
Exploration of the role of JAK/STAT pathways in pathogenesis of IBD

Available Awards: ASPIRE Rheumatology and Inflammatory Bowel Disease research awards are up to a maximum of $150,000 each. Larger grants may be considered depending on scope and merit of proposal. Research projects are expected to complete within 2 years of study start.

Deadline for Application: Applications must be received by January 19, 2018, 11:59 pm Eastern Time

Grantor: Donaghue Foundation
Grant Opportunity: Research Grants
Keyword: Geriatric; Quality Improvement; Research Grant
Award Amount: $125,000 (?)
Deadline: February 5, 2018

Another Look: Better Health for Elders in Care Facilities

http://donaghue.org/grant-opportunities/

This program provides funding for health-related research projects that can improve the quality of care and the quality of life for the elderly population in nursing homes or other care facilities. Researchers applying for this grant must identify a stakeholder in the care delivery or policy arena with whom they will either consult or collaborate and who is willing to work with the researcher to develop a research product that may be readily used to improve care or quality of life. Existing data must be used for research funded through this program. In 2018, the Foundation will invest approximately $750,000 in this grant program, and we intend to award up to six two-year projects.

February 5, 2018- Letter of intent deadline

Grantor: International Burn Foundation
Grant Opportunity: Research Prize
Keyword: Prizes
Award Amount: $100,000
Deadline: January 31, 2018
The 2018 Tanner-Vandeput-Boswick Burn Prize will be awarded during the 18th Congress of the International Society for Burn Injuries to be held in 2018. Applications will be accepted between October 1st, 2017 and January 31st, 2018.

Purpose of the Award: The Prize was conceived and established to promote the aims of the International Society for Burn Injuries and to motivate individual investigators to perform research, undertake patient care and treatment, and attempt to solve other aspects of the burn problem.

Eligibility: The prize will be awarded to a person(s) or organization who has made an outstanding contribution to any aspect of the burn care field. This could be a specific achievement or might represent a body of work over a period of years. Colleagues may make nominations, or a candidate may make an application on their own behalf. The recipient does not have to be a member of the ISBI nor do they have to be a physician, but they should be responsible for major advancement of the field of burn care.

Award: The prize consists of a gold pin and a cash payment in the amount of approximately $100,000.

Nomination Deadline: January 31st, 2018

Grantor: American Parkinson Disease Association

Grant Opportunity: Research Grants

Keyword: Chronic Diseases; Neurological Disorders; Neuromuscular Disorders; Research Grant

Award Amount: $50,000

Deadline: March 12, 2018

American Parkinson Disease Association Research Grants: Academic Year 2018-2019

Research grants are intended and available to investigators affiliated with and performing Parkinson’s disease research at major academic institutions across the United States. This is a grant of $50,000 per year for one year, renewable.

Deadline: 03/12/2018
Grantor: Relypsa
Grant Opportunity: Research Grants
Keyword: Basic Science; Cardiovascular; Chronic Diseases; Kidney Disease; Research Grant
Award Amount: $50,000
Deadline: January 15, 2018
Relypsa Nephrology and Cardiology Research Grant Program


Relypsa is pleased to announce that the Relypsa Nephrology and Cardiology Research Grant Program is currently accepting applications for the academic year 2018–2019.

The objective of the Relypsa Nephrology and Cardiology Research Grant is to provide a grant to eligible institutions to fund fellowship research projects in the area of hyperkalemia and associated disorders.

Grants will be awarded to support clinical or basic science research in hyperkalemia and associated disorders.

Proposal may be basic science or patient-oriented clinical research

Grant awards will be funded for one academic year and will not exceed $50,000.

Fellowship grant deadline for applications: January 15, 2018.

Grantor: Scleroderma Foundation
Grant Opportunity: Research Grants
Keyword: Basic Science; Chronic Diseases; Dermatology; Health Policy & Research; Research Grant; Rheumatology
Award Amount: $50,000
Deadline: September 15, 2018
Scleroderma Foundation New and Established Investigator Research Grant Program

http://www.scleroderma.org/site/PageServer?page=prof_res
Appropriate research areas may include but are not limited to the following as they relate to scleroderma:
Vascular manifestations.

Studies of animal models.

Therapeutic modalities.

Mechanisms of end organ damage.

Immunologic studies.

Endothelial cell biology.

Fibroblast biology.

Models and markers of gender and genetic factors.

Cell signaling.

Epidemiology studies.

Matrix biology.

Stem cell biology.

Health services research (e.g. quality of life, health care delivery.)

Study of clinical manifestation.

For the New Investigator Grant, the principal and/or co-investigator salaries are capped at no more than a combined total of $25,000 including fringe benefits.

On the Established Investigator Grant, the principal and/or co-investigator salaries and any support personnel are capped at no more than a combined total of $50,000 including fringe benefits. Travel costs are limited to $2,000/year for the PI to attend National or International Scientific meetings.

The grant application deadline is 5 p.m. Eastern Sept. 15 each year. (Note: If the grant deadline falls on a weekend, the following Monday will be the deadline.)

Grantor: National Multiple Sclerosis Society

Grant Opportunity: Pilot Research Grants

Keyword: Chronic Diseases; Neurological Disorders; Neuromuscular Disorders; Research Grant

Award Amount: $40,000

Deadlines: January 8, 2018; April 9, 2018

National Multiple Sclerosis Society Pilot Research Grants
https://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Pilot-Research-Grants

The Society funds high-risk pilot grants to quickly test novel ideas. Funding is provided for one year to test innovative, cutting-edge ideas or untested methods, and to gather sufficient preliminary data to apply for longer-term funding. We welcome applications for studies related to multiple sclerosis that may serve to advance our mission of stopping MS progression, restoring function and improving quality of life, and preventing MS. The Society supports fundamental as well as applied studies, non-clinical or clinical in nature, including projects in patient management, care and rehabilitation.

Support for Pilot Research Projects is limited to a maximum of $40,000 in direct costs for one year.

Deadlines: New applications reviewed several times each year, with 2018 deadlines of January 10 (pre-application is due January 8) and April 11 (pre-application is due April 9).

Grantor: American Parkinson Disease Association

Grant Opportunity: Fellowship

Keyword: Chronic Diseases; Neurological Disorders; Neuromuscular Disorders; Post-Doctoral Fellowship

Award Amount: $35,000

Deadline: March 12, 2018

American Parkinson Disease Association Post-Doctoral Research Fellowships Academic Year 2018-2019

https://www.apdaparkinson.org/research/research-opportunities/postdoctoral-research-fellowships/

Post-Doctoral fellowships are awarded to support post-doctoral scientists whose research holds promise to provide new insights into the pathophysiology, etiology and treatment of Parkinson’s disease. This is a fellowship of $35,000 per year for one year.

Deadline: 03/12/2018