



PRIVATE FUNDING OPPORTUNITIES: JUL 28, 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. Steven P. Arnoczky Young Investigator Grant, American Orthopaedic Society for Sports Medicine (AOSSM)

The grants are intended for young investigator grantee(s) who are undertaking sports medicine research. AOSSM will issue awards aimed at providing "seed money," or start-up funds, for pilot projects.

Award Amount: \$50,000 paid over 2 years

Indirect Costs: None

Application Deadline: Dec 1, 2017 (Note: Recommended pre-review due Aug 15, 2017)

Website:

http://www.sportsmed.org/AOSSMIMIS/Members/Members/Research/Young_Investigator_Grant.aspx

2. Novel Artemisinin Manufacturing Technologies, Bill and Melinda Gates Foundation (BMGF)

The goal of this project is to develop novel approaches through the proof of concept stage for the manufacturing of artemisinin and/or its analogs as a starting material or intermediate to prepare artemisinin-based active pharmaceutical ingredients. These approaches should demonstrate the potential (with a high probability of success) to meet aggressive cost targets when being practiced at a pharmaceutical manufacturing facility at commercial scale. It is anticipated (but not guaranteed) that successful awardees will be requested to submit a further proposal for additional development work, scale-up to pilot scale and generation of the necessary materials (e.g. cell banks) and technology transfer packages to enable manufacturing at multiple existing manufacturing facilities. For this reason, proposers are strongly



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.

recommended to present a demonstrated ability to scale-up and manufacture either through internal capability or by partnering.

Past Bill & Melinda Gates Foundation (the Foundation) investments have facilitated the development of a semisynthetic manufacturing capability which is currently producing WHO prequalified product and can be performed at large scales. The process involves yeast fermentation to manufacture a stable artemisinin precursor, artemisinic acid (AA). This is followed by the chemical conversion of AA into artemisinin using a photochemical process. While these technologies have had a positive impact on the artemisinin market as described below, there have been a number of further technological advancements, independently undergoing research and development, such as expression systems, purification approaches, conversion chemistries, etc., which have the potential to further reduce the cost of goods and provide a truly sustainable low cost supply of semisynthetic artemisinin. The ultimate objective would be to make these "second generation" approaches available to large scale manufacturers interested in participating in the artemisinin marketplace.

The focus of the Request for Proposal will be on the early research and lab-scale proof of concept testing of novel technologies to supply artemisinin for artemisinin-based combination therapies (ACTs) to treat malaria. It is anticipated that awards will be made in three target areas; these include artemisinin precursor (i.e. AA) production, chemical conversion of AA to artemisinin, and the direct production of artemisinin.

Award Amount: \$1 million for 1 year

Indirect Costs: Unspecified

Concept Memorandum Deadline: Sep 29, 2017

Website: <https://www.gatesfoundation.org/How-We-Work/General-Information/Grant-Opportunities/Novel-Artemisinin-Manufacturing-Technologies-Request-for-Proposal#Overview>

3. National Glaucoma Research (NGR): Standard Awards, BrightFocus Foundation

The standard award provides significant funding for researchers who have already generated some amount of preliminary data, but often still require significant progress before they can apply to governmental or industrial funding agencies.

The programs are designed to provide initial funding for highly innovative experimental ideas. Most of the awardees use the donor award money to demonstrate key findings that lead to later interest and additional funding from industrial or governmental funding agencies. It is our firm belief that having the courage to invest in innovative ideas will lead to revolutionary therapies.

The process is competitive amongst a high volume of applications. Although there is no formal requirement for initial data, applications presenting some amount of preliminary results are typically at an advantage over proposals that present no early data.

Award Amount: \$150,000 paid over 2 years
Indirect Costs: None
Application Deadline: Nov 7, 2017
Website: <http://www.brightfocus.org/grants/types-grants>

4. Alzheimer's Disease Research (ADR): Postdoctoral Fellowship Awards, BrightFocus Foundation

BrightFocus accepts investigator initiated proposals related to developing treatments, preventions, and cures for Alzheimer's disease. BrightFocus Foundation awards grants for basic, translational, and clinically oriented research on the causes of, or treatments for, age-related and degenerative diseases. Grants are awarded on the basis of the scientific merit of the proposed research and the relevance of the research to understanding aspects of the disease that lead to improved treatments, prevention strategies, and diagnoses of the program disease.

Postdoctoral fellowship awards are intended for young researchers in their final stages of mentored training. These awards are meant to fund projects in an established laboratory that will serve as the basis for the applicant's own independent research career.

Award Amount: \$150,000 paid over 2 years
Indirect Costs: None
Application Deadline: Oct 18, 2017
Website: <http://www.brightfocus.org/grants/types-grants>

5. Women's Cancer Research Grants, Society of Gynecologic Oncology (SGO)/Foundation for Women's Cancer (FWC)

Programs are as follows:

St. Louis Ovarian Cancer Awareness Research Grant

\$60,500 one-year award

The Foundation gratefully acknowledges St. Louis Ovarian Cancer Awareness (SLOCA) for the support of this grant. This is the thirteenth research grant supported by SLOCA.

Laura Crandall Brown Foundation Ovarian Cancer Early Detection Research Grant

\$50,000 one-year award

The Foundation gratefully acknowledges the Laura Crandall Brown Foundation for support of this grant. This is the second research grant supported by the Laura Crandall Brown Foundation.

Caring Together, NY, Ovarian Cancer Research Grant

\$50,000 one-year award

The Foundation gratefully acknowledges Caring Together, Inc., of New York for the support of this grant. This is the ninth research grant supported by Caring Together, NY.

Ovarinnovate: Ovarcome Research Excellence Award

Two \$10,000 one-year awards

Applicants are encouraged to develop research proposals related to ovarian cancer that incorporate cooperation with colleagues from other institutions.

The Foundation gratefully acknowledges Ovarcome for the support of this grant. This is the second year the research grant is being supported by Ovarcome.

Abstract Deadline: Aug 25, 2017

Website: <https://fwc.secure-platform.com/a/organizations/main/home>

6. 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: Up to \$100,000

Indirect Costs: 20%

Application Deadline: Oct 12, 2017

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