Children’s Discovery Institute  
hPSC Core Pilot Grant Program  
Deadline: September 14, 2015

Program Description

The Children’s Discovery Institute (CDI) is a world-class center focused on pediatric research, which leverages the combined expertise of scientists and clinicians at St. Louis Children’s Hospital and Washington University. The mission of the CDI is to accelerate discovery of innovative treatment approaches for the most serious childhood diseases and disorders. Broad, interdisciplinary research at the CDI takes place through four specific research centers:

- McDonnell Pediatric Cancer Center
- Center for Musculoskeletal and Metabolic Diseases
- Center for Pediatric Pulmonary Disease
- Congenital Heart Disease Center

The CDI has recently established a Human Pluripotent Stem Cell (hPSC) Core, which is made up of the Genome Engineering and iPSC Center (GEiC) and the Human Embryonic Stem Cell (hESC) Core. The goal of the hPSC Core is to advance research in human disease and regenerative medicine using hPSCs at Washington University. The CDI will be providing Pilot Grants to advance these studies and aid in generating preliminary data that may lead to full CDI proposals and extramural funding. Only studies involving human pluripotent stem cells will be considered.

Eligibility

Awardees must be faculty members at Washington University in St. Louis, but do not need to be current CDI Grant Awardees. Proposals must advance the mission of the CDI ([http://www.childrensdiscovery.org/AboutCDI/CDIQuickFacts.aspx](http://www.childrensdiscovery.org/AboutCDI/CDIQuickFacts.aspx)). Read more about the funding objective of the CDI: ([http://www.childrensdiscovery.org/Grants/FundingMechanismsDueDates.aspx](http://www.childrensdiscovery.org/Grants/FundingMechanismsDueDates.aspx))

Terms

Grants of up to $7,500 each will be awarded, all of which must be spent at either the hESC Core or GEiC, and which will serve as 50% subsidies at those cores. Funding is anticipated to begin November 2, 2015. Proposals from current CDI members must describe new research directions. Successful proposals must be approved, if applicable, by the Human Studies, Animal Safeties, Biosafety, and/or Radiation Safety Committees. Approvals may be pending at the time of application. Awards may not be transferred. Funds not used by
November 1, 2016, will require a request for extension and may be subject to revocation. Questions may be addressed to Angela Bowman (abowman@wustl.edu).

Instructions

To apply for this award, please submit the following information as a single PDF document:
1. NIH-style biographical sketch
2. A research statement describing the proposed research. Include relevance to the CDI mission. Proposals should not exceed 1 page in length, using standard margins and 11-12pt font (Arial or Times). Preliminary data is not required, but may be included.
3. A very brief budget justification based on proposed experiments and corresponding costs at either the GEiC or hESC Core, using estimates provided by the hESC Core or GEiC. For example, Aim 1: Generate iPSCs, $X; Aim 2: Y hours of hood usage at the hESC Core, $Z.

Deadlines

Applications are due by 4pm on September 14, 2015:

Children’s Discovery Institute hPSC Pilot Grant Program
c/o Angela Bowman
abowman@wustl.edu

Review

Applications will be reviewed by an internal selection committee identified by the leadership of the Children’s Discovery Institute and the hPSC Core.