

CALL FOR PROPOSALS: hPSC Kidney Organoid Challenge

Program Description

The Center of Regenerative Medicine, in partnership with the Division of Nephrology, is now accepting applications that advance investigation of human pluripotent stem cell (hPSC) differentiation toward kidney. Over the last two years, kidney has become a model for the directed differentiation of hPSC to complex structures (Xia 2013, Taguchi 2014, Takasato 2014, Takasato 2015). The purpose of this funding program is to provide resources for projects that generate reagents and/or advance investigation of kidney organoid differentiation from hPSC.

Eligibility

This grant is aimed at junior faculty and senior postdoctoral fellows, but senior PIs are also eligible if their proposal takes their lab into a new direction. Awardees must hold either a faculty or postdoctoral fellowship position at Washington University in St. Louis and be members of the Center of Regenerative Medicine. There is no specific citizenship requirement.

Terms

We will award up to one grant in the amount of \$25,000 (direct costs). Awards may not be transferred or renewed and the funding period is one year. CRM reserves the right not to fund any grants. It is suggested that applicants plan to spend at least \$2,000 of the grant at either the GEiC or hESC Core. Successful proposals must be approved, if applicable, by the Human Studies, Animal Safety, Biosafety and/or Radiation Safety committees. It is understood that any tool or reagent generated as part of a funded grant will be available for sharing with the wider WUSTL community. The grant may not include salary coverage of faculty members, but may cover that of trainees. The grant may also not be used for equipment, travel, journal subscriptions, memberships, or the purchase of general reference materials. Grantees should acknowledge CRM funding in publications and are expected to provide a progress report at the end of the grant period.

Instructions

All applications must be based on hPSC and contain the following (as a single PDF):

- 1. Project title**
- 2. PI names and affiliations**
- 3. Abstract (up to 1/3 page)**
 - Brief statement summarizing the key points of the proposal

4. Research proposal (max. 2 pages including references)

- Background and Rationale
- Specific Aim(s)
- Milestone(s)
- Key risks and plans to mitigate
- References

5. Budget

- No budget statement is required at submission, but will be expected of awardees

6. NIH formatted biographical sketch of applicant (max. 2 pages)

- Include up to 5 recent/relevant publications

7. Other support (NIH format, current and pending)

- Highlight support relevant to the proposed project
- No page limit

Submission Process

Please send your application via email to Angela Bowman (abowman.wustl.edu) no later than **5:00 PM, Monday, February 29th, 2016.**

Review

An internal selection committee identified by the leadership of the Center for Regenerative Medicine will review all applications. Notification of award is anticipated in April 2016.