Discovery Science & Translational Research Grant Applications
DUE 11/17/2021

Who can apply?

Applicants should be performing scientific and/or medical research in the state of Minnesota. Principal Investigators can be of any professional rank. RMM encourages early stage investigators from diverse backgrounds to apply.

What kind of research is being funded?

RMM seeks a diverse portfolio of research projects that focus on optimizing the body's own ability to heal. Relevant fields include cell and developmental biology, regenerative pharmacology and immunology, medicine and surgery, biotechnology, bioengineering, genetics, and other fields that develop ways to replace, restore, or regenerate damaged or malfunctioning cells, tissues, and organs to help people return to better health. RMM has special interest in broadening the portfolio of research that can help relieve chronic disorders that strongly impact patients and health care costs in Minnesota.

What are the conditions on the awards?

- The PI is responsible for being in compliance with federal, state, and institutional research regulations at all times during the funding period, including having active approvals from all regulatory agencies (e.g., Institutional Animal Care and Use Committee). A copy of the approval document(s) must be available upon request.
- If the principal investigator of the grant leaves the institution where the award is funded, unused funds will revert to RMM.
- If the principal investigator of the grant is unable to use the funds for the research as proposed in application, funds will revert to RMM.
- In keeping with the spirit of the awards, the funds should remain and the work be performed in Minnesota. Exceptions may be made for materials or services not available within the state, and such exceptions should be noted in the budget.

What criteria are used to evaluate the applications? PLEASE SEE BELOW

NIH Principles of Rigor and Reproducibility

1) *The quality of the science.*
    a. Importance of potential knowledge to the field of regenerative medicine.
    b. Robustness of experimental plan and data analysis.
    c. Strength of preliminary data (if applicable).
    d. Exploration of potential problems and alternative directions.
    e. Innovation impact – introduction of new methods, technologies, etc.

2) *The adequacy of the resources to successfully conduct the research plan.*
    a. Track record or potential of principal investigator.
    b. Collaborators and co-investigators are appropriate to the project (if applicable).
    c. Facilities and institutional support are in place to contribute to the success of the experimental plan.
    d. Budget is realistic for the scope of the proposed project.

What else should applicants know? THESE THINGS ARE IMPORTANT

- Maximum request (including both direct and indirect costs) is $125,000 per year.
- Maximum grant period is two years, with the second year of funding contingent on demonstrated adequate progress in year one.
- Applications can have **only one** principal investigator (PI).
- PIs can only hold one RMM research grant at a time.
- Avoid overlap with other proposals.
- For questions not answered in the RFP, see Frequently Asked Questions. If you can't find the answer there, email RegenMedMN@gmail.com.
- Awards will be announced in January 2022.

How do I apply? VIA THE WEBSITE: www.regenmedmn.org

The application form can be found online at Apply for a Grant. You will need to create an account. Please keep your username and password in case you need to access later.

The application questions are listed below. Before starting the online application form, please have the answers and a single pdf file of the final proposal ready.

1. ***Principal Investigator Information*** *(Responsible Party; there can only be one principal investigator)*
   a. Investigator's name
   b. Investigator's degree(s)
   c. Based on the NIH guidelines, is the Investigator an Early Stage Investigator? (see https://grants.nih.gov/grants/new_investigators/investigator_policies_faqs.htm)
   d. Investigator's position at institution
   e. Investigator's email
   f. Investigator's phone number
   g. Investigator's mailing address
2. ***Institution Information*** *(responsible for receiving and disbursing grant funds)*
   a. Institution name
   b. Minnesota County (Anoka, White Earth, etc.) in which institution is located
   c. Financial and/or Grant Specialist Contact's name
   d. Financial and/or Grant Specialist Contact's email and phone number
3. ***Grant Information***
   a. Title
   b. Is this Discovery Science or Translational Research?
   c. Scientific subject of proposal (e.g., kidney disease, cartilage replacement, etc.)
   d. Names of Co-investigators (please separate names with commas, not returns)
   e. Names of Collaborators (please separate names with commas, not returns)
   f. Does this proposal contain trade secret* information exempt from disclosure under law?
   g. If awarded, how many new jobs will be created by the grant project? (can be zero)
   h. Goals (3-5 sentences describing the goals of the project in lay language).

4. Budget Information

a. **Direct** costs requested
b. **Indirect** costs requested (see: https://oamp.od.nih.gov/dfas/indirect-cost-branch/indirect-cost-submission/indirect-cost-definition-and-example. These should be included in the budget at the established NIH-negotiated rate or, in the absence of a federally-negotiated rate, at 10 %.)
c. **Total combined** costs requested (must be ≤ $125,000/year, $250,000 total)
d. Start date requested (between March 1, 2022 and May 30, 2022)
e. Length of grant (1 or 2 years)

5. Scientific Proposal

Proposals must use 1" margins on all sides, 12 pt Arial font, and a minimum of single line spacing. Please include PI name and page number in footer. Please do not include any letters of support. Please use the format below to make the grants easier to review and compare. Missing information may negatively impact review. Upload as a single pdf file in the following order:

Page 1 **Abstract**	Introduction and overview: include the problem(s) to be investigated and how the aims, if achieved, are of significance to regenerative medicine. Preliminary data (if applicable).
Pages 2-6 **Research Plan**	1) Specific aims. 2) Approach. 3) Contributions of co-investigators and collaborators (if applicable). 4) Data interpretation plan. 5) Identification of potential problems and alternative strategies. 6) Milestones/deliverables for each specific aim at annual reporting points.
Page 7 **References**	Maximum of 20 references.
Page 8 **Resources**	Description of resources.
Page 9 **Budget**	Budget outline, please use format given on page 4.
As needed **Biosketches**	Current NIH-format biosketch for each investigator (max 5 pages each).

Important Note: RMM is state funded and subject to the Freedom of Information Act (FOIA).
After awards are made, all proposals will be available to the public on request, except for information or material that are evaluated as being trade secrets and therefore exempt from disclosure under law. Please highlight information that you feel should be withheld from public disclosure to the extent permitted by Minnesota law, including the FOIA. Without assuming any liability for inadvertent disclosure, RMM will seek to limit disclosure of such information to its employees and to outside reviewers except when necessary for merit review of the proposal, or as otherwise authorized by law.*

Add lines as needed, limit to one page

Budget Template **PI Name**

Personnel	**Year 1**		**Year 2**	
Name	**Effort**	**Salary & Fringe**	**Effort**	**Salary & Fringe**
Other Direct Costs				
Supplies				
Services				
Travel				
Total Direct Costs				
Indirect Costs (% by institution)				
TOTAL COSTS				

Justifications for budget items:

Explanation of overlap (if applicable):