

Purpose: The Immune Monitoring Core is a developing shared resource that provides investigators with the ability to carry out advanced molecular and cellular immunological research. One of its services is Single-Cell RNA sequencing utilizing the Chromium Controller technology (10X Genomics). The goal of this RFA is to support research projects that will conduct Single-Cell RNA sequencing in the Immune Monitoring Core developing shared resource. Successful applicants will receive funding to offset the costs of using Single-Cell RNA sequencing for cancer research expected to yield innovative discoveries, peer-reviewed publications and new grant funding.

Review Criteria and Process: All applications will be evaluated and scored by a multi-disciplinary committee according to scientific merit and in accordance with this RFA. Proposals will be evaluated according to the degree to which they:

- are scientifically novel
- have specific objectives
- have a tractable synthesis
- present robust and operational quantitative assays
- are likely to lead to extramural research support within the short term
- are likely to be completed in a 12-month period or less

Applicant Eligibility: All eligible investigators must hold a full-time faculty appointment and be a research program member of Rutgers Cancer Institute of New Jersey. The projects are intended to provide support for scientifically valid new ventures that are not so highly developed that other sources of competitive funding are likely to be available. The intent of this program is to generate sufficient preliminary data to provide the basis for the application for independent support through conventional peer-reviewed and other funding mechanisms.

Terms of Award

- During the proposal submission stage, a Rutgers Funding Proposal is not necessary. However, before any internal award funds are dispersed a Rutgers Funding Proposal is REQUIRED.
- When relevant, all awards must have appropriate institutional regulatory approvals (IRB, IACUC, etc.) before funds will be disbursed.
- Applicants may receive up to \$10,000 of support for their research project.
- Principal Investigators will be required to submit a brief final report describing the results of their work, as well as related publications and funding, and may be required to present their work to Rutgers Cancer Institute's Research Leadership Council.

To Apply:

Complete the attached application (3-page limit) and email the form along with your NIH-style Biosketch, to cinjpilotprogram@cinj.rutgers.edu.

APPLICATION DEADLINE IS NOON, DECEMBER 6, 2019.

Applications received after the deadline may not be considered.

Awards will commence on or about March 1, 2020.

For more information, including a membership application, please contact
cinjpilotprogram@cinj.rutgers.edu.