**UTHealth Cancer Genomics Core (UTHealth CGC)**

Funding Opportunity

**RFA-CGC2020: Pilot Grants to Support Cancer Genomics Research**

The CPRIT-funded UTHealth Cancer Genomics Core (CGC) is soliciting 2-page pilot grant proposals for cancer genomics research through the UTHealth CGC facility. The pilot grants aim to help new or existing users to develop protocols or initiate promising cancer genomics studies, and to generate preliminary data for future research and/or federal grant applications. The fund can be used for Next Generation Sequencing (NGS) services (single cell RNA-seq, RNA-seq, ChIP-seq, ATAC-seq, etc., including library prep and sequencing) or related bioinformatics services, or both.

Up to two pilot grants can be funded in the current cycle. Each successful application will be awarded $10,000 (direct costs only) and it must be used within one year after the grant is awarded. All the cost will be used for experiments, and no personnel effort can be supported. Proposals will be evaluated and selected based on scientific or technology innovation in cancer genomics, needed NGS protocol development, the likelihood of the preliminary data for future federal or state grant application, among other factors. The proposed work must be cancer related and all the cancer investigators (PI level) in UTHealth and within the Texas are eligible to apply. Funding announcements are anticipated by June 15, 2020.

**Eligibility:** All the cancer investigators (PI level) in UTHealth and within the Texas are eligible to apply.

**Application deadline**: **Monday, May 18th, 2020 at 5:00 pm.**

**Submission requirements:** Complete applications require all the following components, collated in a single PDF file (***labPIname.PDF,*** Ariel 11-point font with ½” margins)

1. Face page (attached)
2. Detailed budget and justification
3. Proposal limited to 2 pages as follows:
4. Specific aims
5. Background and significance
6. Need of CGC service (sequencing and/or bioinformatics)
7. Experimental design and methods
8. Potential impact for cancer genomics research
9. References on a separate page (no limitation, but be concise)
10. NIH Biosketch for all faculty participants

Please submit application by email to CGC@uth.tmc.edu by Monday, May 18th, 2020 at 5:00 pm. Questions can be sent to the same email.

**UTHealth Cancer Genomics Center Pilot Project Application - Face Page**

|  |  |
| --- | --- |
| Applicant name, degree(s) |  |
|  |  |
| Department/School |  |
|  |  |
| Institute |  |
|  |  |
| Address |  |
|  |  |
| Phone  |  |
|  |
| Email  |  |
| Grant manager name and contact information |  |

|  |  |
| --- | --- |
| Project title |  |

|  |  |
| --- | --- |
| Relationship of cancer  |  |

|  |  |
| --- | --- |
| Amount requested | $ |

|  |  |  |  |
| --- | --- | --- | --- |
| Does this study involve: | Yes |  | No |
| Use of human subjects? |  |  |  |
|  |  |  |  |
| Use of vertebrate animals? |  |  |  |
|  |  |  |  |
| Recombinant DNA? |  |  |  |
|  |  |  |  |
| Radioactive isotopes? |  |  |  |

|  |  |  |
| --- | --- | --- |
| Signatures: |  |  |
|  |  |  |
| Applicant |  | Department or Unit Head |

 **UTHealth Cancer Genomics Center Pilot Project Application - Budget and Justification**

A 1-page budget is required with brief explanations of the purpose and necessity of each item.

Budget Expenditures Allowed Include:

Next generation sequencing service, bioinformatics analysis, NGS related research supplies, technical assistance. (refer the cost from CGC website: <https://www.uth.edu/cgc/> or contact cgc@uth.tmc.edu)

**NGS service:** Give categories (e.g., mRNA-seq, total RNA-seq, single cell RNA-seq) and approximate cost in each category.

|  |  |
| --- | --- |
| Total NGS service requested | $ |

**Other expenses:** Itemize.

|  |  |
| --- | --- |
| Total other expenses requested | $ |

|  |  |
| --- | --- |
| **Total budget requested** | $ |