SciGenom Research Foundation

2017 Genomics Project Grant (Human/Medical Genomics)

SGRF announces Genomics Project Grants to support human exome sequencing to identify genetic cause of inherited disorders. Principal Investigators (Scientist/Faculty) working in educational institutions or not-for-profit research organizations, students and postdoctoral fellows are encouraged to apply

How to apply:

1. Complete the Genomics Project Grant application form.

2. Prepare a short 200-300 word proposal for application of exome sequencing or targeted sequencing to identify potential causal variants within coding regions of any familial human genetic disease. Preference will be given to cases where known causal variants or genes have been tested and eliminated in the index case. The proposal should provide experimental design with number of samples – affected and unaffected samples from at least two generations would be ideal to include. Please provide a pedigree chart with patient identifying information removed. Indicate samples available for genomic analysis on the pedigree chart.

3. Obtain a brief letter signed by your department head or relevant supervisor or your Ph.D. mentor (in case of students) stating that they support your proposal and the application for the SGRF Genomics Project Grant.

Submit all three documents through the grants application portal at
http://genome-grant.sgrf.org/

Additional information:

4. Applicants shall as part of the application process confirm and certify that they have the necessary institutional review committee approval to sequence, analyze and publish on the samples.

5. SGRF will facilitate the sequencing of the samples using its preferred vendors and return the data to investigator for analysis. The cost of sequencing will be borne by SGRF. As needed, SGRF at its discretion may provide bioinformatics support through its collaborators. However, investigator and his / her team is expected to be able to perform the analysis on their own.

6. SGRF will support up to 90Gb of data collection per project regardless of the number of samples. However, should more data collection be needed and the experimental plans are sound, SGRF may support it at its discretion.

7. Successful applicants will be notified of their selection by Sep 11th, 2017 and are expected to provide DNA/RNA for sequencing by Dec 15th, 2017. Data will be returned to the investigator in ~90 days following receipt of all the study samples outlined in the proposal. Successful applicants will be required to attend 2017 NGBT meeting to be held from 2nd-4th Oct 2017 in Bhubaneswar, Odisha, India (**www.sgrfconferences.org**). SGRF will cover your travel and other costs associated with attending the NGBT meeting.

8. A sum of Rs. 15,000/- will be provided for incidental expenses associated with the project.

For more information visit: http://www.sgrf.org/grants.php