



Genomics Project Grant (Exome Sequencing)

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.

Procedure

1. Applicants are required to submit a short 200-300 word proposal for using exome sequencing to identify potential causal variants within coding regions of any familial genetic disease. Preference will be given to cases where known causal variants or genes have been tested and eliminated in the index case.
2. The proposal should provide an experimental design along with the number of samples – both affected and unaffected from at least two generations. Please provide a pedigree chart with any patient identifying information removed. Indicate samples available for genomic analysis on the pedigree chart.
3. 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.
4. SGRF will facilitate the sequencing of the samples using its preferred vendors and return the data to investigator for analysis. The sequencing cost will be borne by SGRF. As needed, SGRF at its discretion may provide bioinformatics support through its collaborators. However, investigator and his or her team is expected to be able to perform the analysis on their own.
5. Successful applicants will be notified of their selection by August 31st, 2016 and are expected to provide DNA/RNA for sequencing by September 15th, 2016. Data will be returned to the investigator within 90 days following receipt of the samples. You will be required to submit an abstract and make a presentation (oral or poster – for which the abstract is selected) on the project status at the 2016 NGBT meeting to be held on Oct 3rd-5th in Cochin, India (www.sgrfconferences.org). SGRF will cover your travel and other costs associated with attending the NGBT meeting. A sum of Rs.25, 000/- will be

provided for incidental expenses associated with the project and will be made available in two instalments.