HANDS-ON WORKSHOP (KARYASHALA) ON

Next Generation Sequencing Data Analysis for Clinical Diagnostics

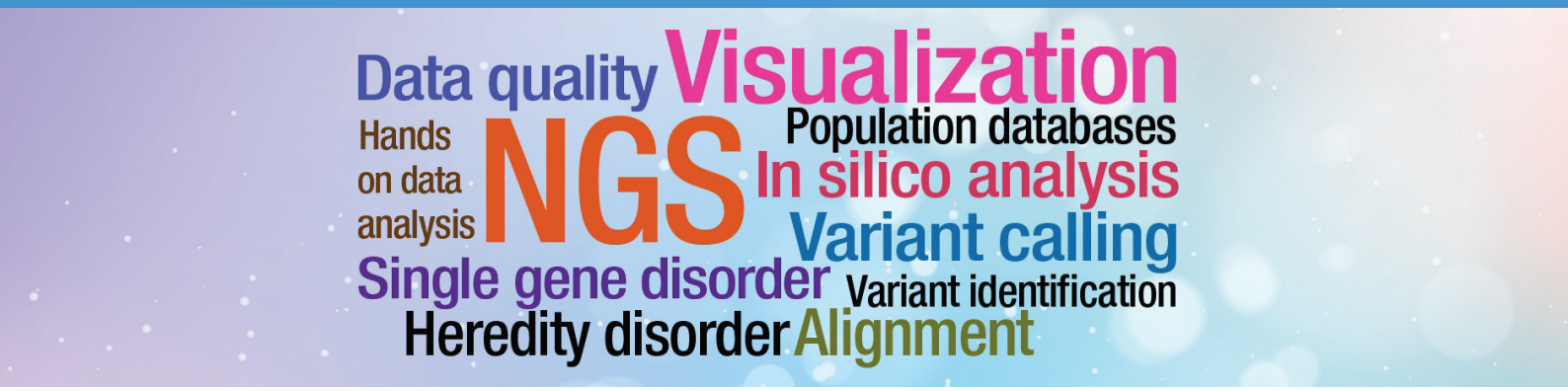
Supported by Science & Engineering Research Board (Accelerate Vigyan Scheme)

1 - 5 March 2021

NATIONAL GENOMICS CORE
CENTRE FOR DNA FINGERPRINTING AND DIAGNOSTICS

OVERVIEW

Next Generation Sequencing methods for genetic testing have been widely adopted by clinical laboratories. Considering the quantity and complexity of NGS, a deeper understanding and specialized training is required to analyze and interpret the NGS results. The workshop aims to provide an introduction to NGS data and computational approach in identifying genetic disorders. Participants will be introduced to various formats of NGS data, parameters for evaluating data quality and available tools and processing for variant calling. Hands-on-data analysis will be done by participants to identify variants in case studies. The purpose of the workshop is to provide hands-on experience in handling NGS data for clinical diagnosis.



WHO CAN APPLY

Science and Medical graduates. Young Scientists, medical professionals, students with some knowledge of NGS are encouraged to apply with CV and one-page letter stating purpose of attending the workshop by e-mail: ngc@cdfd.org.in

SELECTION PROCESS

25 applicants would be selected by a committee

Details of Registration will be intimated to selected participants

Selected applicants will be informed by 07.02.2021

LAST DATE OF APPLICATION

24 January 2021

Dr. Ashwin Dalal: adalal@cdfd.org.in/ 040-27216148/ Diagnostics Division, CDFD, Hyderabad

Dr. Divya Vashisht: divyav@cdfd.org.in/ 040-27216208/ National Genomics Core, CDFD, Hyderabad