

# Hands on Workshop Applying Genomics in Agriculture

23 to 24 March 2018

QTLomics Technologies Pvt. Ltd.

**Whole Genome Sequencing of Plants, Bacteria, Viruses, Fungi  
and GMO Event Characterization**

## Salient features of Nanopore sequencer:

- Ultra long reads 100Kb+
- Does not require high-end infrastructure
- Rapid, simple, robust library preparation
- Real-time data availability
- Run can be stopped and re-initiated as per requirement
- Direct molecular analysis. No PCR amplification involved
- Direct DNA/RNA sequencing
- Long PCR products, BAC, bacteria, yeast, virus/phages and large genomes can be sequenced.

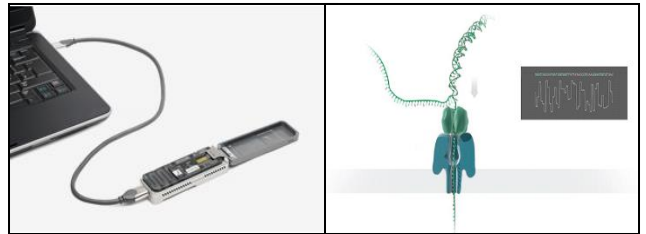
### Registration:

<http://www.qtlomics.com/events.php>

Email with Name, Position, Organization,  
Phone # to [keya.m@qtlomics.com](mailto:keya.m@qtlomics.com)

### Day 1: 23<sup>rd</sup> March

Time	Schedule
9:00 AM	Registration
9:30 AM	Introduction to Nanopore
10:00 AM	Library preparation
1:00 PM	Lunch
1:30 PM	Sequencer run starts
3:00 PM	Tea and Discussion
5:00 PM	Sequencing Run statistics



### Registration fees:

INR. 5000/participant Pay by cash/ bank transfer  
Sequence your sample : INR. 9500/per sample

### Day 2: 24<sup>th</sup> March

Time	Schedule
9:00 AM	Stop Run & raw data QC
10:00 AM	Data Analysis in Batches
1:00 PM	Lunch
3:00 PM	Alignment / assembly results
5:00 PM	Reports and conclusions

This workshop is specially organised for SEED companies, Agri-biotech companies and limited to scientists and post-doctoral fellows

The Nanopore sequencer can be **purchased\*** from us  
In addition to **Genomics services** by applying  
various NGS technologies

\* Nanopore sequencer can be purchased from QTLomics (sub distributor) through Genotypic the official Distributor in India

