



12th Training Course

on

Next Generation Genomics & Breeding for Crop Improvement

Center of Excellence in Genomics & Systems Biology (CEGSB)

ICRISAT, Hyderabad, India

17 – 21 December, 2018

The ICRISAT's Center of Excellence in Genomics & Systems Biology (CEGSB, <http://cegsb.icrisat.org/>) in collaboration with CRP-GLDC is pleased to announce its 12th training course on Next Generation Genomics & Breeding for Crop Improvement to be held during December 17 - 21, 2018 in ICRISAT Campus, Hyderabad, India. CEGSB has already trained more than 288 scientists by organizing 11 training courses in past. More details on these courses are available at: <http://cegsb.icrisat.org/conferences-workshops/>.



Co-organizers:

Rajeev K Varshney

RPD-Genetic Gains

ICRISAT, India

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Theme Leader-GTD

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Course Contents (Theory & Demonstration):

- ❖ Next Generation Sequencing (NGS) technologies
- ❖ High Throughput Genotyping (HTPG) technologies
- ❖ Genotyping by Sequencing (GBS) / Skim sequencing
- ❖ Allele calling from NGS / HTPG data
- ❖ Genetic diversity / Phylogenetic analysis
- ❖ Genome-Wide Association Studies (GWAS)
- ❖ Marker-Assisted Backcrossing (MABC)
- ❖ Marker-Assisted Recurrent Selection (MARS)
- ❖ Genomic Selection (GS)
- ❖ Decision analytical & decision support tools
- ❖ Database management systems

Organizing Committee:

Abhishek Rathore
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Santosh Deshpande
Rachit Saxena
Mahendar Thudi
Manish Pandey
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INTERNATIONAL CROPS RESEARCH
INSTITUTE FOR THE SEMI-ARID TROPICS



RESEARCH
PROGRAM ON
Grain Legumes and
Dryland Cereals



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