

Register now!

August 20-22, 2018



Recognized under Sec 3A under UGC act 1956  
Accredited by NAAC with A Grade

## Workshop on NextGen Sequencing-based Whole Genome Sequencing, Assembly and Annotation

(<http://csbmm.yenepoya.edu.in/workshop/gw18/>)

Center for Systems Biology and Molecular Medicine (CSBMM) is a premier center for genomics, proteomics, metabolomics and computational biology. The scientists at CSBMM are carrying out cutting edge research by employing NextGen sequencing (NGS) -based genomics and transcriptomics to understand and enable biomedical discoveries intended towards translation in the areas of clinical and biomedical research. CSBMM has also established a state-of-the-art proteomics facility to discover and validate candidate biomarkers in human diseases including infectious diseases and cancers. As a part of the academic program at Yenepoya (Deemed to be University), scientists at CSBMM in collaboration with Bangalore Genomics Centre will share their expertise in NextGen sequencing-based genomic data analysis with young researchers in India through this workshop.

### Benefits of the workshop

As a part of this 3-day intensive training, we will introduce, demonstrate and provide theoretical underpinnings of NextGen sequencing-based genomics. Each participant will gain hands-on training to assess and apply quality control, to perform alignment of WGS data against reference database followed by subsequent variant identification and functional annotation.

### Registration Fee

Category	Registration Fee with 18% GST
Students	Rs. 5,000 + 18% GST (Rs. 5,900)
Faculty	Rs. 8,000 + 18% GST (Rs. 9,440)
Industry	Rs. 20,000 + 18% GST (Rs. 23,600)

### Focus of the workshop

- NGS data formats and structure
- WGS by NGS platforms (short and long reads)
- Genome alignment
- Proteogenomics
- R-packages (NGS Analysis)
- Visualization on IGV

### Workshop venue

Centre for Systems Biology and Molecular Medicine,  
Yenepoya Research Centre, Yenepoya (Deemed to be University), Mangalore 575018

### Registration link

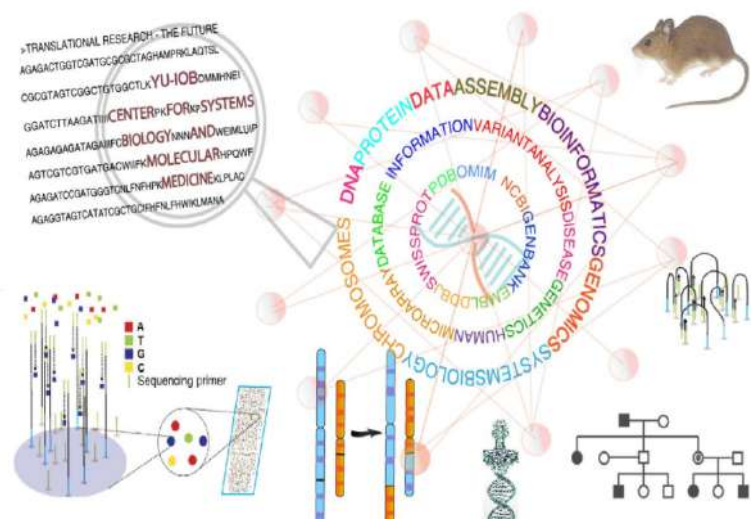
<http://csbmm.yenepoya.edu.in/workshop/gw18/register.php>

### For further details please contact:

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### Resource Personnel

- Dr. T. S. Keshava Prasad
- Dr. Malali Gowda, Professor, Trans-Disciplinary University
- Dr. Roopalakshmi K., CEO, Bangalore Genomics Centre
- Dr. Sushil Kumar Middha, Maharani Lakshmi Ammani College, Bangalore
- Dr. Usha Talambedu, Maharani Lakshmi Ammani College, Bangalore
- Dr. Sneha M. Pinto
- Dr. Yashwanth Subbannayya
- Dr. Pratigya Subba
- Dr. Prashant Kumar Modi
- Dr. Shobha Dagamajalu

Join our Workshop WhatsApp group to stay updated on the workshops conducted by us:

<https://chat.whatsapp.com/HmAXNwyjk3d7rdKtSckekW>