

NABI Computational Biology Workshop 2018 (12th – 14th March, 2018)
Research talks : Programme Schedule (Open for for all)

Day 1: 12th March, 2018 (Monday)

- Workshop Venue: NABI's Research & Office Building
- 10:00-11:00 AM: Inaugural Talk: **Progress in Genome Sequence Assembly and Annotation**
Dr. T. R. Sharma, Executive Director, NABI, Mohali
(Auditorium)
- 11:00-11:30 AM: Tea Break (Auditorium Entrance Hall)
- 02:30-3:30 PM: Expert Talk: **RNA-seq for Transcriptome Construction and Discovery of Candidate Genes for Crop Improvement**
Dr. Mukesh Jain, Associate Professor, JNU, New Delhi
(Auditorium)
- 03:30-04:00 PM: Tea Break (Auditorium Entrance Hall)

Day 2: 13th March, 2018 (Tuesday)

- 09:30-10:30 AM Expert Talk: **Big data mining in the field of Biology using Machine Learning Techniques**
Dr. GPS Raghava, Professor, IIT, Delhi
(Auditorium)
- 10:30-11:30 AM: Expert Talk: **Lessons on genomic and transcriptomic dynamics from data driven Biology**
Prof. Shandar Ahmad, Professor, JNU, Delhi
(Auditorium)
- 11:30-12:00 PM: Tea Break (Auditorium Entrance Hall)
- 12:00-01:00 PM: Expert Talk: **Plant genome analysis using association mapping approach**
Dr. Joy K. Roy, Scientist-E, NABI, Mohali
(Auditorium)

Day 3: 14th March, 2018 (Wednesday)

- 09:30-10:30 AM: Keynote Talk: **HPC and National Supercomputing Mission: The path ahead**
Dr. Hemant Darbari, Director General, C-DAC
Followed by NABI-CDAC MoU signing
(Auditorium)
- 10:30-10:45 AM: Tea Break (Auditorium Entrance Hall)
- 10:45-11:45 AM: Expert Talk: **BRAF: A Cyberinfrastructure for Next Generation biology**
Dr. Rajendra Joshi, Associate Director and HoD, C-DAC, Pune
(Auditorium)
- 11:45-12:45 PM: Expert Talk: **Mega-genomic insights into adaptation and evolution of plant associated bacteria**
Dr. Prabhu B. Patil, Senior Scientist, IMTech, Chandigarh
(Auditorium)
- 12:45-01:30 PM: Expert Talk: **Unlocking genomics potential to increase nutrition and productivity: NABI multi-omics studies and future milestones**
Sh. Shrikant Mantri, Scientist-D, NABI, Mohali
(Auditorium)