# Next Generation Sequencing Bioinformatics

wellcome connecting science

MONASH University MALAYSIA

3 - 8 November 2024, Monash University Malaysia

| | Sunday 3 November | Monday 4 November | Tuesday 5 November | Wednesday 6 November | Thursday 7 November | Friday 8 November | |
|---|---|---|---|---|---|---|---|
| 8:00 - 9:00 | In hotel | Introduction to NGS Technologies (Qasim Ayub) | NGS File formats and QC (Wee Wei Yee) | Variant Calling (Qasim Ayub) | Genome Assembly (Jingtao Lilue) | CHiP-Seq (Vivek Iyer) | 8:00 - 9:00 |
| 9:00 - 10:00 | | | | | | | 9:00 - 10:00 |
| 10:00 - 11:00 | | Break | | | | | 10:00 - 11:00 |
| | | | Break | Break | Break | Break | |
| 11:00 - 12:00 | | Sequencing Facilities Tour | NGS File formats and QC (Wee Wei Yee) | Variant Calling (Qasim Ayub) | Genome Assembly | CHiP-Seq (Vivek Iyer) | 11:00 - 12:00 |
| 12:00 - 13:00 | Registration and Lunch *(Restaurant)* | Introduction to Linux (Aswini Leela Loganathan) | Guest seminar - Kai Ye | | Guest seminar - Koi | Group task | 12:00 - 13:00 |
| 13:00 - 14:00 | WCS, training team and participant intros | LUNCH | LUNCH | LUNCH | LUNCH | LUNCH | 13:00 - 14:00 |
| 14:00 - 15:00 | | Introduction to Linux (Aswini Leela Loganathan) | Read alignment (Thomas Keane) | SV Calling (Thomas Keane) | RNA-seq (Vivek Iyer) | Group presentations | 14:00 - 15:00 |
| 15:00 - 16:00 | Break | Break | Break | Break | Break | Break | 15:00 - 16:00 |
| 16:00 - 17:00 | Advanced Learning Skills | Linux for Bioinfomatics (Aswini Leela Loganathan) | Read alignment (Thomas Keane) | SV Calling (Thomas Keane) | RNA-seq (Vivek Iyer) | Group presentations | 16:00 - 17:00 |
| 17:00 - 18:00 | Opening ceremony | | | | | ALS & Wrap-up | 17:00 - 18:00 |
| | Speed networking | | | Bioinformatics essentials (Jacqui Keane) | Group selection | | |
| 18:00 - 19:00 | Welcome dinner | | | | | | 18:00 - 19:00 |
| 19:00 - 20:00 | | | | | | | 19:00 - 20:00 |
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