

Transcriptomics studies using microarray and RNA seq

Bilik Mesyuarat Utama | WED, 12th June, 2013 | 12:00 - 1:00 PM



Guest Scientist's short biography:

Dr Jeffrey Wee,
Chief Technology Officer (CTO)
Molecular Genomics Pte Ltd

Dr Wee joined Molecular Genomics in 2011 as Chief Scientist. He is responsible for the company's molecular service planning and provides strategic scientific advice to Genomax Technologies. Prior to joining MG, Dr Wee worked for over 10 years in academia, obtaining his PhD at The University of Melbourne, Australia in 2005 before doing his post doctoral training in Max Planck Institute, Jena, Germany, Department of Genetics, University of Melbourne, Australia and Temasek Life Science Laboratory, Singapore. Dr Wee has a wide breadth of scientific experience spanning cancer research to insect genomics, and have deep understanding of tools used in genetics, molecular biology, protein biochemistry and genomics studies.

Jointly organized by:



Seminar Abstract:

Since the development of microarrays, the genomics field has seen breath-taking progresses in printing technologies and associated fields such as bioinformatics. Agilent Technologies provides a complete solution for microarray workflow: nucleic acid purification, quality control, probes labeling, microarray hybridization and washing, scanning and data analysis. Agilent microarrays are printed with 60-mer oligos of high fidelity using its proprietary non-contact ink-jet technology coupled with in-house optimized phosphoramidite chemistry. In addition, Agilent microarrays are customizable and the platform produces highly reproducible data across a wide dynamic range.

With the decreasing in cost coupled with the increasing throughput of sequencing, RNA seq is increasingly being used in transcriptomes profiling. Agilent Technologies has released a directional RNA seq library construction kit for Illumina sequencing platform and it is also compatible with RNA capture SureSelect XT kit.



Seminar Details:

Date: 12th of June, 2013 (WED)
Time: 12:00 pm - 1:00 pm
Venue: Bilik Mesyuarat Utama
(Main meeting room at Level 4 Admin Block)

Register now, all are welcomed but seats are limited!
Please register by sending email to shijie@genomax.com.sg