

Join Us for a Talk at Swinburne University of Technology – Sarawak Campus

Our invited speaker from Integrated DNA Technologies will share latest trends and new developments on Quantitative Real-Time PCR, Synthetic Biology and NGS Target Enrichment

Date Thursday, 20th April 2017

Time 11:00am to 1:00pm

Venue Seminar Room, Swinburne Sarawak Research Centre for Sustainable Technologies,
Level 4, Block A, Swinburne University of Technology – Sarawak Campus

Refreshment will be provided

For enquiries or details, please contact

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Topic Highlights

Quantitative real-time PCR (qPCR)

qPCR has become the most sensitive and reliable method for analyzing gene expression. To achieve reliable, interpretable results from qPCR, several important factors must be considered for success of the experiments. The talk will address these factors in detail and at the same time highlight the MIQE guidelines for successful publications.

Synthetic Biology

IDT's gBlocks[®] Gene Fragments offers a rapid and reliable method to build and clone genes at a fraction of the cost of full gene synthesis services. gBlocks Gene Fragments are double-stranded, sequence-verified DNA blocks suited for applications such as affordable and easy gene construction or modification, antibody research, CRISPR/Cas9-mediated genome editing, and use as qPCR standards. This talk aims to provide researchers with ideas on accelerating their research through the review of applications and case studies.

NGS Target Enrichment

Efficient target capture for Next Generation Sequencing (NGS) with xGen[®]

It is often said that proteomics and genomics need economics and this is so true with NGS. The ability to sequence the genome in a cost effective manner has been sought by many institutions. IDT's massive custom oligonucleotide manufacturing capability has been brought to bear in helping scientists and core sequencing facilities in reducing the cost of NGS. Our innovative xGen[®] products is at the forefront of this effort. Here we will explain their origins and use, from target capture probes, panels and blocking oligos.

About the Speaker

Chia Jin Ngee is the Regional Application Specialist at Integrated DNA Technologies, Pte Ltd. He plays a pivotal role in communicating IDT's advances in nucleic acid technology and expertise to users.

His experience in oligonucleotides started back in the early 1990s. His passion for communicating in science eventually led him to be involved the student outreach program in the Institute of Molecular and Cell Biology (Singapore). There, he honed his communications skills imparting his experience and knowledge to the next generation of budding researchers.



If you would like to have a one to one discussion session with IDT after the talk, please contact Huda for more details.

Please send your RSVP (Full Name and Contact details) before **Friday, 14th April 2017**.

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