

Scientific Workshop on qPCR

Real-time qPCR Application Workshop

This workshop is aimed at giving participants a detailed understanding of real-time quantitative PCR:

- qPCR primer design and experimental considerations
- Considerations in conducting standard curve and gene expression experiment
- Hands-on analysis of qPCR data
- Different applications of qPCR

For just RM 100 (USD 25), join our guided hands-on program that will be personal yet instructive covering topics from the top-to-toe basics of detection chemistry to the technicalities of the real-time PCR workflow.

We will be using MS Excel for this workshop.

Further details:

<http://www.inbiosis.ukm.my>

inbiosis.workshop@gmail.com

Registration: <https://goo.gl/forms/eyawxvogUzHOfbqw2>

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13th Jul 2022 (Wed)

0900–1700 [GMT+8]

ONLINE

FEE

MYR 100
(USD25)

Seats are limited so kindly register
by **30th June 2022**

Register Now!

Organizer



TENTATIVE PROGRAMME

0900-0930

Registration

0930-1045

Introduction to qPCR

- Technical qPCR discussion (Terminology & Assay characteristics)
- Introduction to MIQE Guidelines
- Detection Chemistry: DNA binding dyes and hydrolysis probe
- Primer and Probe Design
- How does a real-time qPCR system work?

1045-1100 Tea break

1100-1200

Considerations of qPCR experiment

1200-1230

Experimental design for gene expression study

1230-1330 Technical Talks



1330-1400 Lunch break

1400-1530

Hands-on practical: qPCR Data Analysis using an Excel Template

1530-1545 Tea Break

1545-1630

Applications of qPCR

1630-1700 Questions, Discussion & Closing