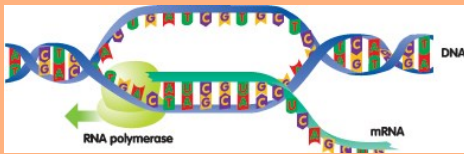


# Real-Time Quantitative PCR Workshop



**DATE: 4-5 OCTOBER 2016**

**VENUE: LABORATORY OF ANIMAL PRODUCTION, INSTITUTE OF TROPICAL AGRICULTURE, UNIVERSITI PUTRA MALAYSIA**

## INTRODUCTION

Real-time quantitative PCR (qPCR) is a powerful technology for accurate, sensitive and fast quantification of nucleic acid in a variety of biological samples. The workshop is designed to give participants a comprehensive knowledge and practice on qPCR. This intensive 2-days workshop comprises of complimentary lectures and hands-on training in sample preparation, extraction, PCR techniques, data analysis and statistics.

This workshop is in collaboration with Qiagen Biotechnology Malaysia and Eppendorf Asia Pacific Sdn. Bhd.

## WHO SHOULD ATTEND?

Students and researchers who have an interest in using qPCR for gene expression applications.

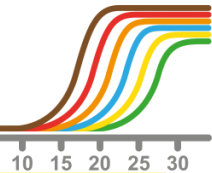
**REGISTRATION FEES: RM 500**

**Deadline: 1<sup>st</sup> October 2016**

Date	Time	Activities
4 Oct 16	8.00-8.30	Registration
	8.30-8.45	Welcoming Remarks Director, Institute of Tropical Agriculture, UPM
	8.45-10.00	Liquid handling and pipetting techniques Handling aerosol contamination
	10.00-10.15	Tea
	10.15-11.45	Handling leachable contamination Concerns in PCR/qPCR assays
	11.45-12.30	General Discussion
	12.30-2.00	Lunch
	2.00-2.30	Briefing session for experimental setup
	2.30-4.45	Hands-on session: nucleic acid extraction, reverse transcription
	4.45-5.00	Tea

Date	Time	Activities
5 Oct 16	8.30-9.00	Briefing session for experimental setup
	9.00-10.00	Hands-on session: qPCR
	10.00-10.15	Tea
	10.15-12.30	Seminar
	12.30-2.00	Lunch
	2.00-4.30	Data analysis, discussion
	4.30-5.00	Certificate presentation and tea

## REGISTRATION



NAME: \_\_\_\_\_

DEPARTMENT : \_\_\_\_\_

FACULTY/  
INSTITUTE: \_\_\_\_\_

E-MAIL: \_\_\_\_\_

HANDPHONE NO: \_\_\_\_\_

SUPERVISOR'S  
NAME: \_\_\_\_\_

PAYMENT MODE:

Local Purchase Order

Vote Number

Cash   
 Cheque

## Organising Committee

Patron: Prof. Dr. Zulkifli Idrus  
 Advisor: Assoc. Prof. Dr. Awis Qurni Sazili  
 Chairman: Dr. Norhani Abdullah  
 Scientific & Technical: Dr. Suriya Kumari A/P Ramiah  
 Dr. Mohd Huzairi Mohd

**Please return registration form to** Miss Norshahira Abd. Aziz at ITA office or email : shira\_nor@yahoo.com  
 Phone: (03) 89471148