

# **GENOMIC MEDICINE** Introduction and Application of Liquid Biopsy in Medical Oncology and Research

**DATE** 1 November 2023 Wednesday

**TIME** 10:00am – 3:30pm

VENUE International Medical University, Bukit Jalil, Kuala Lumpur, Malaysia





Prof Chee-Onn Leong PhD (Nottingham), Fellow (Harvard), FRSB, FRCS, FIBMS CEO, AGTC Genomics

ORGANISED BY HUMAN BIOLOGY DEPARTMENT, SCHOOL OF MEDICINE





Liquid biopsies have the advantage of being largely non-invasive and providing a vast amount of information for the detection and monitoring of diseases such as cancer. This seminar will provide an overview of the several techniques to detect and analyse circulating tumour cells (CTCs), cell-free tumor DNA (ctDNA), miRNA cell-free tumour RNA (ctRNA), and proteins in liquid biopsies. Participants will be introduced to general aspects of genomic profiling including proper sampling, sequencing, and data analysis. Additional lectures will cover potential areas of research and case discussion in the field of cancer diagnostics.

## **OBJECTIVES**

- To define and describe the liquid biopsy technique.
- To outline the steps and different technologies involved in liquid biopsy.
- To understand the application of liquid biopsy in medical oncology and its advantages.
- To describe areas of potential research in liquid biopsy techniques and application.

#### **REGISTRATION FEE** (inclusive of SST)

Early Bird (Before 1 Oct 2023)	Regular	IMU Staff / Alumni / Student (Non-IMU)	IMU Student
RM200	RM250	RM175	RM125

**CONTACT US** 

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More information and online registration available at www.imu.edu.my/icl

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<ol> <li>September 2023.</li> <li>There will be a 50% refund of registration fee for cancellation made</li> <li>The Organiser reserves the right to cancel or change the topic trainer of the workshop, if for whatever reasons beyond its contribution</li> </ol>									
before 1 October 2023. the workshop cannot be held as scheduled or the topics need to									
			altered.						

## DECLARATION AND AUTHORISATION

- 1. I confirm that the above information is correct and I will inform IMU when there is any change to this information.
- 2. I have read, understood and consent to the processing of my personal data as set out in the enclosed Privacy Notice.

Signature

Date

### DISCLAIMER:

The organiser will make every effort to deliver the programme as published. However we reserve the right to make modifications to the programme and content if deemed necessary and reasonable.



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