



# Introduction to Systematic Review and Meta-Analysis of Genetic Association Studies

#### Online Lecture via Zoom

26 February 2024 (Monday)

1:00pm - 4:00pm

# **\Face to Face Hands-On Workshop**

27 February 2024 (Tuesday)

9:00am - 4:00pm

International Medical University, Bukit Jalil, Kuala Lumpur, Malaysia

## ▶ SPEAKERS/FACILITATORS ◀



A/Prof Dr Teguh Haryo Sasongko
Deputy Director Commercialisation and Support,
Institute for Research, Development, and
Innovations,
International Medical University
Associate Professor, Department of Human Biology,

School of Medicine, International Medical University



Dr Htet Htet
Senior Lecturer,
Deputy Head of Department,
Department of Pathology and Pharmacology,
School of Medicine,
International Medical University



**Dr Saint Nway Aye** Lecturer, Department of Pathology and Pharmacology, School of Medicine, International Medical University

enetic association studies can be defined as investigations that assess the relationships between genetic variants and either aspects of a disease or the disease itself. Genetic association studies play an important role in identifying genetic determinants of complex human diseases. An approach by systematic review and meta-analysis might be beneficial in determining the connection of single nucleotide polymorphisms (SNPs) and diseases, complications, or treatment results.

This one-and-a-half-day workshop will comprise of a half day workshop which is fully online where the speakers will provide the introduction to systematic reviews and meta-analysis, study search, risk of bias assessment and meta-analysis. The second day workshop will be face to face using Review Manager Web and Covidence software, demonstration, and hands-on practice. This workshop will be valuable for the undergraduate and post-graduate medical students, early career researchers, graduate medical doctors, allied health science professionals, post-graduate students to expand a new research area.

#### **OBJECTIVES**

- To appraise the role of systematic reviews and meta-analysis on genetic association studies.
- To apply the essential steps in conducting a systematic review on genetic association studies.

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

Early Bird (Before 26 Jan 2024)	Regular	IMU Staff / Alumni / Student (Non-IMU)	IMU Student
RM400	RM450	RM315	RM225



#### **CONTACT US**

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Please indicate whether this is your office	e or home address: ORGANISAT	ION HOME						
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ARE YOU AN IMU ALUMNI MEMBER?	YES NO							
DIETARY NEEDS/PREFERENCE: VEGE	TARIAN 🗆 NON-VEGETARIAN 🗆							
REGISTRATION FEE								
EARLY BIRD: ☐ RM400 REGULA	AR: ☐ RM450 IMU Staff / Ali	umni / Student (Non-IMU): ☐ RM315	IMU Student: 🗌 RM225					
MODE OF PAYMENT								
PLEASE TICK YOUR OPTION:								
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DECLARATION AND AUTHORIS	ATION							
I confirm that the above information		when there is any change to this in	aformation					
<ol> <li>I have read, understood and consent</li> </ol>								

### DISCLAIMER:

Signature

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.



Date