



Technical Hands-on Workshop

Data Science & Computational Precision Medicine

July 23-25, 2019 | International Medical University | Kuala Lumpur, Malaysia

KEY SPEAKERS:



Dr. Pawel Suwinski
Molecular Geneticist
Malaysian Genomics Research Center



Dr. Adaikalavan Ramasamy
Principal Investigator
Singapore Institute for Clinical Sciences, A-STAR



Professor Dr. Leong Chee Onn
Deputy Director, Research
IRDI, International Medical University

REGISTRATION FEE

Early Bird (By 31 May 2019)	RM 1200
Regular	RM 1500
IMU Alumni	RM 1050
Student (Non-IMU)	RM 1050
Student (IMU)	RM 750

ABOUT THIS WORKSHOP

New technologies are transforming human genetics by making the full DNA sequence of individuals available at affordable prices. This workshop is to present current efforts towards computational precision medicine. Participants will also learn how to conduct these analyses. This workshop will be of useful to healthcare professionals, scientists and postgraduate students who are interested in computational precision medicine.

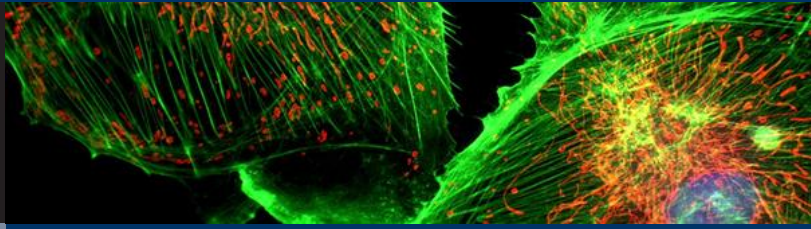
TOPICS WILL INCLUDE

- Algorithms and advanced informatics for genome analysis
- Benchmarks, tools and applications in genomic and transcriptomic analyses
- Genome mutation interpretation
- Systems biology of signaling pathways: from data to mechanisms and targets
- Personalizing therapies using DNA sequencing



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SCIENTIFIC PROGRAMS & WORKSHOPS 2019



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All applications and additional details (including faculty and agendas) will be available on the IRDI website. Please email IRDI@imu.edu.my with any questions or for additional information.

