

NEXT GENERATION SEQUENCING CURRENT AND FUTURE APPLICATIONS

MiSeq™

5th July 2018, 9:00 AM–5:00 PM
Auditorium, Sarawak General Hospital

Overview

Recent development of high throughput technology in Next Generation Sequencing (NGS) have revolutionized molecular genetics. The ability to generate enormous amount of sequence data in a short time, makes it an ideal application, from sequencing a group of candidate genes, exome sequencing to the entire human genome. This technology has brought about an extraordinary growth in applications, from the identification and management of disease, to other important non-clinical areas.

Who Should Attend

Healthcare Professionals
Researchers
Laboratory Personnel
Lecturers
Students
Other affiliated professions

Seminar Content

Common Applications of NGS Technologies
NGS in Clinical Research
NGS in Molecular Diagnostic
NGS in Metabonomic Application
LIVE Stream Laboratory Practical

Objectives

Understand the principle behind NGS
Understand opportunity and challenges of NGS
Explore the applications of NGS in clinical research and other advanced diagnostic
Develop a better understanding of the practical elements in conducting NGS



Our guest speaker

Dr. Shen Mynn Tan, Senior Sequencing Specialist, Illumina Asia Pacific & Japan.
Dr. Voon Pei Jye, Consultant Medical Oncologist, Sarawak General Hospital
Dr. Ivan KS Yap, Translational Scientist, Clinical Research Malaysia
Teow Kok Sin, Field Application Specialist Team Leader, ScienceVision Sdn Bhd

For More Information or enquiries, please contact

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