

MOLECULAR DIAGNOSTIC TECHNIQUES WORKSHOP

Knowledge of DNA sequences has become indispensable for basic and applied biological research. DNA sequencing has numerous applications in diagnostics, biotechnology, forensic biology and many more.

On 19th and 20th September 2012, the Department of Biomedical Sciences and Therapeutic, School of Medicine in collaboration with the Biotechnology Research Institute has successfully organised a Molecular Diagnostic Techniques Workshop on "Mutation Detection by DNA sequence". This event was conducted at the Main Auditorium, Level 3, Block B, School of Medicine and was officiated by Dr. D Kamarudin D Mudin, the Dean School of Medicine. The objectives of the workshop were to have a healthy collaboration within different schools and centres in UMS, to be trained on the latest techniques in the field of molecular biology, its application to the field of medicine as well as to the field of medicine and diagnostics.

The first day began with a talk delivered by Prof. Dr. Mohamad Salih Falah, the coordinator of the program. His talk included the overview to molecular biology, and principles of PCR and Mutation Detection Technique. The next day continued with Lab practical which was conducted by the trainer AP. Dr. Vijay Kumar, the Director of Biotechnology Research Institute. The two-day gave opportunities to the participants consisting of the professionals in health and related areas, such as nurses, medical doctors, physicians and medical lab technologists to learn both theory and practical in molecular biology including the techniques that focused on genomics research.

By, Artini Astri Matdam