



STUDY DAY 01

Molecular Pathology

On 14th November 2018 at Auditorium of Epilepsy Building, National Hospital of Sri Lanka

Time	Lecture / Event	Speaker
8.30am-9.00am	Registration	
9.00am-9.05am	Opening and welcome	Dr. Gaya Katulanda (President, College of Chemical Pathologists of Sri Lanka)
9.05am-9.45am	Translational medicine	Dr. Enoka Perera (Senior Lecturer, Faculty of Science, University of Colombo)
9.45am-10.30am	Conventional PCR, Real Time PCR, Reverse Transcriptase PCR & Nested PCR	Dr. Gayani Galhena (Senior Lecturer, Faculty of Science, University of Colombo)
10.30am-10.45am	Tea break	
10.45am-11.30am	Application of molecular methods in disease diagnosis	Dr. Jagathpriya Weerasena (Senior Lecturer, Institute of Biochemistry, Molecular biology and Biotechnology, University of Colombo)
11.30am-12.15pm	PCR based molecular diagnosis of solid malignancies	Dr. Sumadee de Silva (Senior Lecturer, Institute of Biochemistry, Molecular biology and Biotechnology, University of Colombo)
12.15pm-12.30pm	Pre-lunch discussion on practical issues in PCR methods	
12.30pm-1.00pm	Lunch	
1.00pm-1.45pm	Essential Requirements of a clinical genetic laboratory and the use of modern molecular diagnostic technology in Sri Lanka	Prof. Vajira Dissanayake (Professor in Genetics, Faculty of Medicine, University of Colombo)
1.45pm-2.15pm	Introduction to FISH technology in molecular diagnosis	Mr. M. Abrar (Application Specialist, Abbotts Molecular Diagnostics)
2.15pm-3.00pm	Applications of FISH in haematological & solid malignancies and automation of FISH technology	Mr. M. Abrar (Application Specialist, Abbotts Molecular Diagnostics)
3.00pm-3.15pm	Tea break	
3.15pm-4.15pm	Good laboratory practices in molecular biology	Mr. M. Abrar (Application Specialist, Abbotts Molecular Diagnostics)
4.15pm-4.30pm	Vote of thank , certificates distribution	Dr. Kisali Hirimuthugoda (Joint Secretary, College of Chemical Pathologists of Sri Lanka)
	Conclusion of the program	