



# Affymetrix Microarray Technology Seminar

**Affymetrix** pioneered the microarray technology used to publish more than 20,000 scientific papers, Affymetrix is evolving into a provider of scalable, innovative genomic analysis tools and reagents for discovery, exploration, validation, and genetic testing.

Affymetrix provides high-throughput, multi- to single-gene assays and premium-value molecular biology reagents, enabling a complete solution for genome-wide analysis studies and a range of products for cellular and protein analysis studies.

We shall discuss the how microarrays can complement NGS work, the CytoScan HD Cytogenetics solution and the GeneAtlas Personal Microarray System. Briefly illustrate the Axiom myDesign Genotyping Arrays can create fully customizable genotyping array panels for genome-wide association, replication, fine mapping, and candidate gene studies.

Partek Inc ([www.partek.com](http://www.partek.com)) develops and globally markets quality software for life sciences research. Its flagship product, **Partek® Genomics Suite™**, provides innovative solutions for integrated genomics. Partek Genomics Suite is unique in supporting all major microarray and next generation sequencing platforms. Workflows offer streamlined analysis for: Gene Expression (incl. SAGE), miRNA Expression, Exon, Copy Number, Allele Specific Copy Number, LOH, Association, Trio analysis, Tiling, ChIP-Seq, RNA-Seq, DNA-Seq, DNA Methylation and qPCR. Since 1993, Partek, headquartered in St. Louis, Missouri USA, has been turning data into discovery®.

10:00 – 11:00	Synergies between Microarrays and NGS: Gene expression analysis perspective
11:00 – 11:15	DNA analysis products update
11:15 – 12:30	Gene Expression analysis workflow and updates: Partek Genomics Suite
2:00 – 3:00	Affymetrix array portfolio – the basics

Date: **26 Oct 2011**

Venue: Room 407, 4/F, Li Ka Shing Medical Sciences Building,  
CUHK, Prince of Wales Hospital

Speaker: Andrew WJ Lo (Technical Support Manager, Gene Co)  
HsiuFen Chua (Regional Manager, Partek)

**Refreshment will be served! All interested are welcome!**

**For details, please contact Mr Leo Cheung, Gene Company 2896 6283.**