



We sincerely invite you to join our road show with the time and venue specified below.

**Date: Jun 4 (Fri), 2010**

**Time: 1:00 pm – 5:00pm**

**Venue: Biosciences Central Research Facility, Rm 6127, HKUST**

You will see our latest models of instruments from our suppliers and have the first hand experience on them. We have video shows of some instruments like the imaging flow cytometer and liquid handling instrument.

If you have any enquiries, please contact Mr. Yu Siu Lung or Mr. Brian Pow at 2896-6283 or email to [siulung\\_yu@genehk.com](mailto:siulung_yu@genehk.com) or [brian\\_pow@genehk.com](mailto:brian_pow@genehk.com).

## A Short Glance at Our Instruments in the Road Show:

### LabChip® GX Advanced Nucleic Acid and Protein Separations System



**Caliper**  
LifeSciences

**Manufacturer:** Caliper Life Sciences - the manufacturer for the actual microfluidics chip sets for Agilent's Bioanalyzer

**Description:** The LabChip GX uses microfluidics technology to perform accurate, reproducible, high-resolution, electrophoretic separations for nucleic acid. It can also accelerate your research with sample acquisition time of less than a minute. The instrument can thoroughly analyze 96 samples in less than an hour, virtually eliminating throughput bottlenecks and improving efficiency.

### Epoch Multi-Volume Spectrophotometer System with Take 3 plate



**BioTek**  
Get a Better Reaction.

**Manufacturer:** BioTek Instruments, Inc. – expert in microplate instrumentation

**Description:** High performance microplate spectrophotometer with high quality and cost effective monochromator-based technology for measurements. With Take 3 plate, it offers to handle low volume measurement (sixteen 2ul spots simultaneously) and ability to read the standard cuvette and Biocell.

### Odyssey® Infrared Imaging System



**LI-COR**  
Biosciences

**Manufacturer:** LI-COR, Inc.

**Description:** The Odyssey® Infrared Imaging System detects infrared fluorescence signals from IRDye-labelled antibodies for Western blot analysis, protein assays and In-Cell Western™ analysis. Infrared detection gives you the quantitative analysis and wide linear dynamic range that chemiluminescence cannot achieve. It can also detect two targets simultaneously on the same membrane to increase the accuracy of quantification and comparison.



## Instruments with Video Show:

### Zephyr Genomic Workstation



**Manufacturer:** Caliper Life Sciences

**Description:** The Zephyr GWS is a powerful solution for automating numerous critical yet routine molecular biology processes such as nucleic acid purification, reaction setup, and normalization. This benchtop workstation is designed to remove many of the technical hurdles of automating these protocols, without sacrificing functionality and flexibility. And it provides a straightforward and simplified approach, which reduces errors and ensures reproducibility.

### PIXO™ Real Time PCR System



**Manufacturer:** Helixis, Inc.

**Description:** An economical small real-time PCR machine for personal use. The tests are performed in 48-well plate format. All chemistries and applications are supported, including HRM and multiplexing.

### ImageStream<sup>x</sup> Imaging Flow cytometer



**Manufacturer:** Amnis Corporation

**Description:** The ImageStream<sup>x</sup> combines the speed, sensitivity, and quantitation of flow cytometry with the visual detail of microscopy in a single platform. It is capable of imaging 1,000 cells per second with the fluorescence sensitivity of conventional flow cytometry, so you can perform image-based studies of dim markers on rare cells, even in heterogeneous samples to yield statistically robust results with morphologic information.

## Seminar Announcement

**Topic:** Near Infrared Fluorescence Imaging of Live Mice

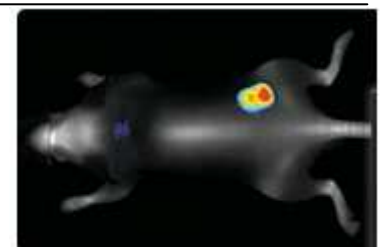
**Date:** Jun 4 (Fri), 2010

**Time:** 11:00 pm – 12:30pm

**Venue:** Classroom 5508, lift 25-26, HKUST

**Speaker:** Michael van Waes, Ph.D.; International Distribution

**Manager;** Senior Scientist from Licor



The Seminar will discuss the benefits of using near-infrared (NIR) technology on animal imaging, which includes increased depth of penetration and decreased autofluorescence and light scatter that occur at higher wavelengths. The speaker will present the design and performance of the Pearl Impulse Imager and how it is being used to monitor tumor growth noninvasively in the living animal with several NIR fluorescent agents.