

Research Instruments is proud to present the following talk:

Pico-Liter Droplet-based RainDrop Digital PCR Enables Multiplexed Genetic End-Point Detection with Unprecedented Dynamic Range and Sensitivity

Liu Yafei, Ph.D

Head, Asia Commercial Operations, RainDance Technologies, Inc.

ABSTRACT:

Digital PCR has recently become recognized as a powerful tool for analyzing rare somatic mutations in cancers. The RainDrop digital PCR is based on proprietary pico-liter droplet technology, and delivers multiplexed (as high as 10-plex) detection of genetics polymorphisms at unprecedented sensitivity. The technology divides 50uL reaction into 10 million droplets, and enables customers to detect somatic mutations at 1-in-1 million sensitivity. Success customer stories will be introduced, in the fields of liquid biopsy, miRNA measurement, fusion transcript detection, and methylation quantification. We will also show data on EvaGreen chemistry as well as Direct RNA quantification (relevant for single cell expression profile). Other unique benefits of the RainDrop Digital PCR will be discussed.

DATE: 22nd Oct 2013 (Tuesday)

TIME: 4pm – 5pm

VENUE: Duke-NUS Meeting Room 9A

EVERY DROPLET COUNTS

**Digital PCR
Solutions**

