



UNIL | Université de Lausanne

Centre Intégratif
de Génomique (CIG)

SEMINAR

Dr. Olivier Munch

NanoString Technologies

"NanoString nCounter: A new and better alternative to qPCR that eliminates bias, inhibition and pipetting"

Summary:

The nCounter System from NanoString Technologies uses direct single molecule fluorescent imaging to detect and quantify up to 800 targets in a single reaction direct from total RNA. The assay technology captures nucleic acid targets through hybridization, eliminating the need for reverse transcription and amplification by PCR, removing sources of bias and error. The multiplex probe assay reduces pipetting and the need for multiple reactions. The input is 100ng total RNA, there is no loss of sample from aliquoting nor gaps in data from gene dropouts and the system generates highly reproducible results over a 5-log dynamic range with capabilities of measuring gene expression differences of less than 2-fold change.

Wednesday October 10, 2012

12h00

Room 4026

Génopode Building

Host: Dr Keith Harshman

Pour affichage SVP