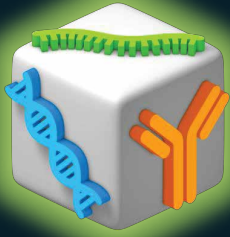


FREE SEMINAR

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# Nanostring Seminar Series: 3D Biology™ Technology: Multi-analyte analysis for integrated DNA, RNA, and protein insight

Guest Scientist: Dr. Doug Hinerfeld, Nanostring (USA)

3D BIOLOGY™

See the future in 3D

## High Impact Research (HIR), University Malaya

Seminar Room 2, Level 1

50603 Kuala Lumpur, Federal Territory of Kuala Lumpur, Malaysia

Monday - Oct 30<sup>th</sup>, 2017

9:30 – 11:00 AM



### Scientist's Bio

DOUG HINERFELD, PH.D. is the Principal Product Application Scientist for NanoStrings' 3D Biology™ Technology. During nearly a decade at The Jackson Laboratory, Dr. Hinerfeld led the development of their genomic and proteomic core labs and ultimately established a CLIA certified CAP accredited molecular diagnostics lab prior to transitioning into the biotechnology industry. In this role at NanoString, he is responsible for the development of novel applications for the 3D Biology portfolio. He received a B.A. in Psychology from The University of Colorado, Boulder and a Ph.D. in Genetics and Molecular Biology from Emory University.

Dr Doug Hinerfeld  
Principal Product  
Application Scientist

The ability to measure changes in DNA, RNA and protein is crucial to developing a comprehensive understanding of biology in the genomics era. NanoString Technologies has developed the nCounter® Analysis System for use in high resolution multi-parameter analysis of biomolecules - the ability to measure any combination of DNA, RNA and protein simultaneously using a single detector from a sample of limited volume and concentration. In this seminar, we will introduce the technology (1 hour) and key application data sets that demonstrate the power of multi-analyte analysis, including Patient Derived Xenograft (PDX) profiling and a new 3D Flow™ analysis (30 mins).



▶ **Multiplex up to 800 unique targets in a single tube**

- Gene Expression, Single Cell, miRNA, miRGE, CNV, SNV, Gene Fusions, Protein

▶ **Flexible sample types, easy to use and no library preparation**

- FFPE, cells, blood and whole tissue lysates from plant, animal, insect, etc.

▶ **Single cell gene expression protocols**

▶ **miRNA detection - single base pair specificity**

▶ **Pathway analysis with sensitivity and specificity**

▶ **Validate next gene sequencing with digital nCounter assays**

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Seats are limited. To RSVP, please contact Genomax Technologies Sdn Bhd  
Tel: (603) 7496 7886 | info@genomax.com.my | www.genomax.com.my

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