

Agilent Technologies Genomics

Seminar at Purdue University

The Measure of Confidence

Sponsored by: Bioinformatics Core (Cyber Center, Discovery Park) at Purdue University

Friday November 16, 2012

10:00 am – 1:30 pm

10:00 am - 11:00 am: Agilent GeneSpring NGS for Next-Generation Sequencing data

Target enrichment analysis has made next-generation sequencing more efficient, but data analysis is still a bottleneck to harnessing its full power. Agilent's GeneSpring NGS is the latest addition to our powerful GeneSpring software suite, including workflows for RNA-seq, DNA-seq, Chip-Seq, small RNA-seq, and Methyl-Seq. Now, researchers can mine NGS data for transcriptomic changes like splice variants and gene fusions, or identify structural variation from whole genome or target enriched samples.

Presenter: Shweta Shukradas, Strand Scientific, Inc.

11:00 am - 12:00 pm: Agilent Target Enrichment & Microarrays for non-model organisms

Agilent's target enrichment technology allows you to focus your next-generation workflow on key genomic regions of interest while reducing cost per sample. With catalog products related to Methyl-seq and exome, along with custom capture, we provide the flexibility you need, from Discovery to Follow-up studies. Custom target enrichment solutions are available for any species, both DNA and RNA. Agilent also offers many non-model organism catalog microarrays and the ability to easily customize any microarray, any organism!

Presenter: David Weiss, Agilent Field Applications Scientist

12:00 pm - 12:30 pm: Lunch and Q&A

12:30 pm - 1:30 pm: Agilent GeneSpring 12.5- Multi-omics data analysis

Biological research involves producing and integrating many types of large, 'omics-level datasets. This heterogeneous data can measure everything from gene expression changes to proteomic and metabolomics abundance levels. The ability to compare different data types is important in multi-omic research. With GeneSpring 12.5, researchers can easily identify key similarities among data that directly contributes to a more complete understanding of the underlying mechanisms of disease.

Presenter: Shweta Shukradas, Strand Scientific, Inc.

DATE 11/16/2012

TIME 10:00 am – 1:30 pm

LOCATION MRGN 121

If interested, please RSVP to your Agilent sales rep:

Katie Partyka

Katie.Partyka@agilent.com

615-585-2781

Appointments also available after the seminar



Agilent Technologies