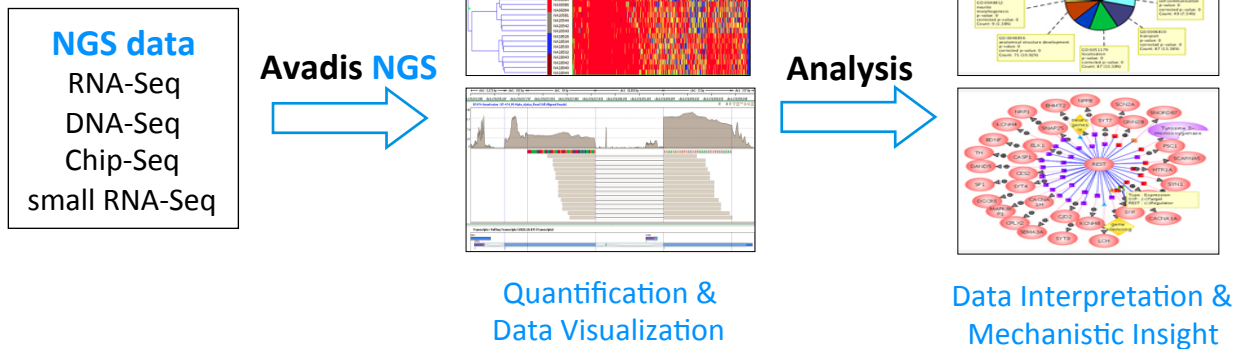


Seminar on Avadis NGS

in



Avadis NGS for Integrated Analysis with Next Generation Sequencing Data



Avadis NGS is an integrated platform that provides analysis, management and visualization tools for next-generation sequencing data. It supports extensive workflows for alignment, RNA-Seq, small RNA-Seq, DNA-Seq, and Chip-Seq experiments. Avadis NGS comes pre-packaged with comprehensive annotations for several standard organisms from various sources and enables you to create annotations for other organisms. It includes an embedded feature-rich Genome Browser and provides custom visualizations to provide an intuitive feel for analysis results. Various quality control plots and filtering steps ensure that any poor quality data is kept out of downstream analysis. Biological interpretation and discovery tools such as Gene Ontology enrichment, GSEA, NLP derived interaction network analysis, and significant pathways analysis enable taking the analysis all the way from reads to the end goal of the experiment. **Dr. Rohit**, our Senior Bioinformatician, will walk the audience through the Exome Seq Analysis in Avadis NGS.



Speaker:
Time:
Date:

Rohit Gupta, PhD
02.00PM onwards
19 - 02 - 2014, Wednesday

Rohit has a Ph.D. in Computer Science and Engineering from the **University of Minnesota-Twin Cities** in 2010. When at Minnesota, he concurrently worked as a research collaborator at the **Mayo Clinic in Rochester**. He went on to work for **Genentech** as a Computational Biologist from 2011 to 2012. He has spent the last year at Strand Life Sciences as a **Senior Bioinformatician**, working on Research and Product Development in Computational Biology, and Clinical Application of Genomics.

For questions about Avadis NGS please contact:
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