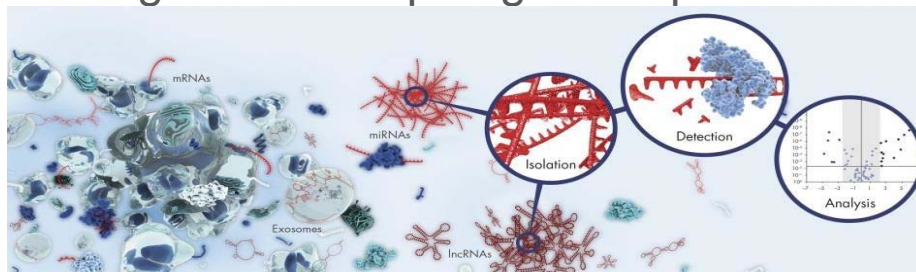




INVITES YOU TO ATTEND

TOTAL RNA Discovery including Digital RNAseq for gene expression



Main topic: Gene Expression and
Regulation from Sample to Insight

Hold by
Sari Nousiainen

Application Specialist Genomics and uNGS Nordic
Additionally Ben Turner will cover some info regarding our IPA SW tool

Date 18th of October
Time 14:00 pm

Location: Room KEF's konferensrum

QUESTIONS; Jonas Stolpe Jonas.stolpe@qiagen.com

Gene expression is tightly regulated by microRNAs (miRNAs) and long non-coding RNAs (lncRNAs) in both healthy and diseased cells. As a result, virtually all biological processes involve a complex interaction of mRNA, miRNA, and lncRNA. To deconvolute the functional relationships of these RNAs, QIAGEN provides leading Sample to Insight solutions for mRNA, miRNA, and lncRNA expression analysis. miRNeasy isolation kits are specially designed to unlock RNA stored in the toughest samples. The RT2 PCR System and miScript PCR System enable quantification of any mRNA, lncRNA, and miRNA. Last, the GeneGlobe Data Analysis portal and Ingenuity IPA enable analysis and interpretation of your data, respectively. Turn hypotheses into actionable insights with the full spectrum of QIAGEN products. Come to learn more about Total RNA Discovery using QIAGEN's Sample to Insight workflows.

QIAsq Targeted RNA Panels are a revolutionary solution for gene expression analysis using digital RNA-sequencing on illumina and Life-Technologies NGS platforms. From 12 to 1000 genes in 2 to 96 samples; QIAsq Targeted RNA Panels deliver precise gene expression results using a simplified library construction strategy. A novel technology improvement in QIAGEN's QIAsq Targeted RNA panels is the random molecular bar-coding strategy which removes library construction bias and allows for improved data analysis and sequencing optimization. The data from digital RNA-sequencing experiments is directly comparable to expression analysis derived from whole transcriptome sequencing and qPCR, but with increased precision and accuracy.