

Tuesday
January 22
2019

SEMINAR | PacBio SMRT Circle

Are you tired of getting nonsense assembly? See what Long-Read Sequencing can do for you.

Gain insight into all the amazing possibilities with SMRT Sequencing Technology. The PacBio Sequencing System provides a unique platform and delivers a comprehensive view of genomes, transcriptomes, and epigenomes. It allows you to directly sequence native DNA and achieve long sequencing reads with uniform coverage in all regions.

The Long-Read Sequencing enables real-time observation of DNA synthesis by SMRT Sequencing Technology that is built upon two key points: Zero-mode waveguide (ZMW) and phospholinked nucleotides. This gives the highest accuracy and the longest read lengths.

After the seminar, you will have learned:

- ▶ How Long-Read Sequencing can help your assembly
- ▶ What it takes to build reference genomes
- ▶ How to overcome sequencing high/low GC-regions
- ▶ How to do DNA methylation detection without bi-sulfite treatment
- ▶ Plasmid sequencing
- ▶ To look at all RNA isoforms for a complete transcriptome
- ▶ How to detect low abundant mutations or structural variants in cancer

Tuesday, January 22, 2019, at 9.00-12.00

Mærsk Tårnet, Room 7.15.92, Blegdamsvej 3B, 2200 København N

Speaker: Michael Sonnedsted, Field Application Specialist, PacBio

Sign up at www.ahdiagnostics.dk

For any questions, please contact:

Kristoffer Ladefoged Jensen, AH diagnostics
klj@ahdiagnostics.dk

