Seminar Announcement

Covaris®

Deciphering the Epigenetic Landscape using AFA Technology

Date

Monday, 29th March 2021

Time

10 am

Speakers

Sr. Dr. Angela Garding
Field Application Scientist
agarding@covaris.com

Location
Zoom meeting link

Organized by

Pamela Nicholson

For Questions

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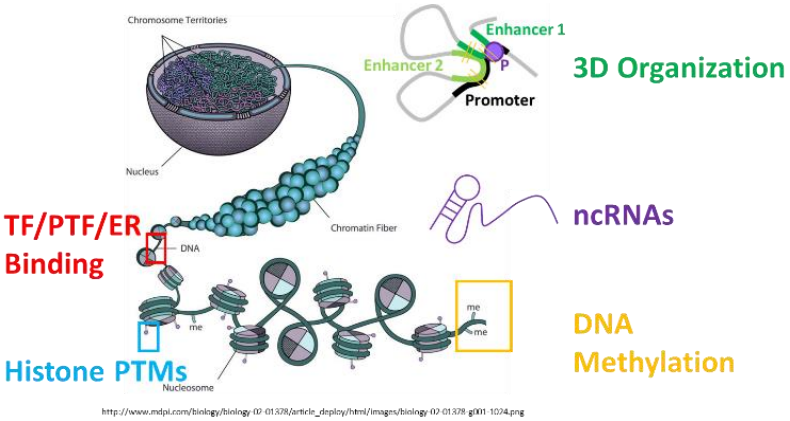
Robust Sample Preparation Solutions for Chromatin-based Applications

During this interactive seminar we aim to highlight key advantages of Covaris AFA technology for plethora of epigenetic workflows.

You will learn about:

- ❖ Optimizing sample preparation for ChIPseq from (primary) cells, tissues, FFPE tissues, low input, whole organisms
- ❖ Standardization of nuclei isolation for ChIP/HiC from hard to lyse cells using NEXSON (Nuclei EXtraction by SONication)
- ❖ AFA advantages for HiC, HiChIP, ChIRP, FAIRE, MeDIP

- ❖ A cryo-pulverization method which enables
- Nuclei extraction from fresh frozen tissue for snRNAseq and snATACseq
- HMW DNA extraction from tissue and organisms
- Biomolecule (protein, RNA, DNA, metabolites) extraction from tissue and organisms



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