

Dr. Angela Garding

Field Application Scientist, Covaris Ltd.

“Robust Sample Preparation Solutions for Chromatin-based Applications”

12 Feb 2019, 10:30 (s.t.)

Venue: IMB Seminar Room, 2nd Floor
Institute of Molecular Biology (IMB)
Johannes Gutenberg University Campus Mainz

All are welcome to attend.

Host: Dr. Maria Mendez-Lago, Head of Genomics Core Facility, IMB
Email: m.mendez-lago@imb-mainz.de Phone: +49-(0)6131-3921565

Robust Sample Preparation Solutions for Chromatin-based Applications

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

You will learn about:

- Optimizing sample preparation for ChIPseq using
 - cells, tissues, FFPE tissues, low input, native samples, double X-linking
- High throughput ChIP
- Standardization of harder ChIP workflows
- AFA-enabled epigenetic workflow beside ChIP
 - ChIRP (ncRNA interactions with chromatin)
 - MChIP/MeDIP/hMeDIP (DNA methylation patterns)
 - HiC (3D chromatin organization)
 - ChIA-PET/HiChIP (proteins involved in 3D chromatin organization)

Please bring along any chromatin data that you would like to troubleshoot to help you optimize your workflow!