



Focus on Chromatin

A SEMINAR SERIES BY



Date

Tuesday, March 10th 2020



Time

11:30 PM - 12:30 PM



Speaker

Sarantis Chlamydas, Ph.D.
Senior Market Development
Manager, Active Motif



Location

Medizinisches
Forschungszentrum (MFZ)
Hufelandstr. 55
Seminarraum 0.019



Organized By:

Dr. Heike Chauvistré

Tools for Gene Regulation & Epigenetics Research and Advancements in Sample Preparation

Studying **transcription factor** (TF) biology and the **epigenetic** state of chromatin has been key to **understanding gene regulation** and the complex behavior of numerous diseases and biological systems e.g. neurological and immunological disorders, cardio-vascular and metabolic disease, ageing and cancer. In this tech talk we will highlight current tools & services related to chromatin research with a focus on: **ChIP-Seq** and its **advanced normalization (spike-in)**, global Histone PTM and chromatin interactome analysis via mass spec. (**MOD Spec. & RIME**), and bulk as well as single cell chromatin accessibility assays (**ATAC-Seq & scATAC-Seq**). We will conclude the talk by introducing our latest advancement in sample preparation, the **PIXUL high throughput sonication** system.



We will have Pizza afterwards - Everyone is welcome!

(No registration required to join the talk but please
[REGISTER HERE](#) if you plan to stay for the Pizza)

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