

# Pizza & Tech Talk

## - Focus on Gene Regulation -

### “Studying Transcription Factors & Epigenetics”

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**Abstract:** Studying **transcription factor** (TF) biology and the **epigenetic** state of chromatin has been key to **understanding gene regulation** and the complex behaviour of numerous diseases and biological systems e.g. cardiovascular and metabolic disease, neurological and immunological disorders, 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 analysis via mass spec. (**MOD Spec.**), chromatin interactome studies via ChIP Mass Spec. (**RIME**), DNA methylation studies (**RRBS**) and chromatin accessibility assays (**ATAC-Seq**).

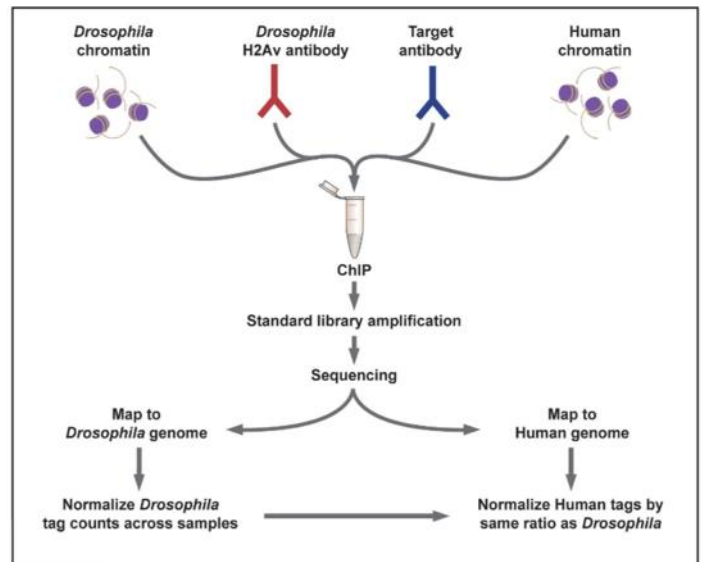


Fig. 1: Spike-in advanced normalization strategy

**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*).

### Date & Venue:

Thu. 24th Oct. 2019

11:30 – 12:30

CMMC

Robert-Koch Str. 21

Room: ground floor,

„Mediathek“



Fig. 2: JOIN us for a chance to WIN one of our Chromatin Band T-shirts!