

IP3-B2-3: Lab tour "Automated imaging of zebrafish embryos"

Thursday 13 October 2022 12:00 (30 minutes)

The assessment of morphological alteration is a common endpoint for the assessment of chemical effects in the zebrafish embryo model. Typically, it was assessed by an observer-biased microscopical observation. Benefitting from our CITEPro platform, we have developed a medium-throughput approach that builds on automated positioning and imaging of embryos and a subsequent unbiased image-based assessment. In the lab tour the automated imaging and the use of artificial intelligence for feature annotation will be demonstrated.

Primary author: SCHOLZ, Stefan

Presenter: SCHOLZ, Stefan

Session Classification: Breakout Session