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

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.

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Session Classification: Breakout Session