

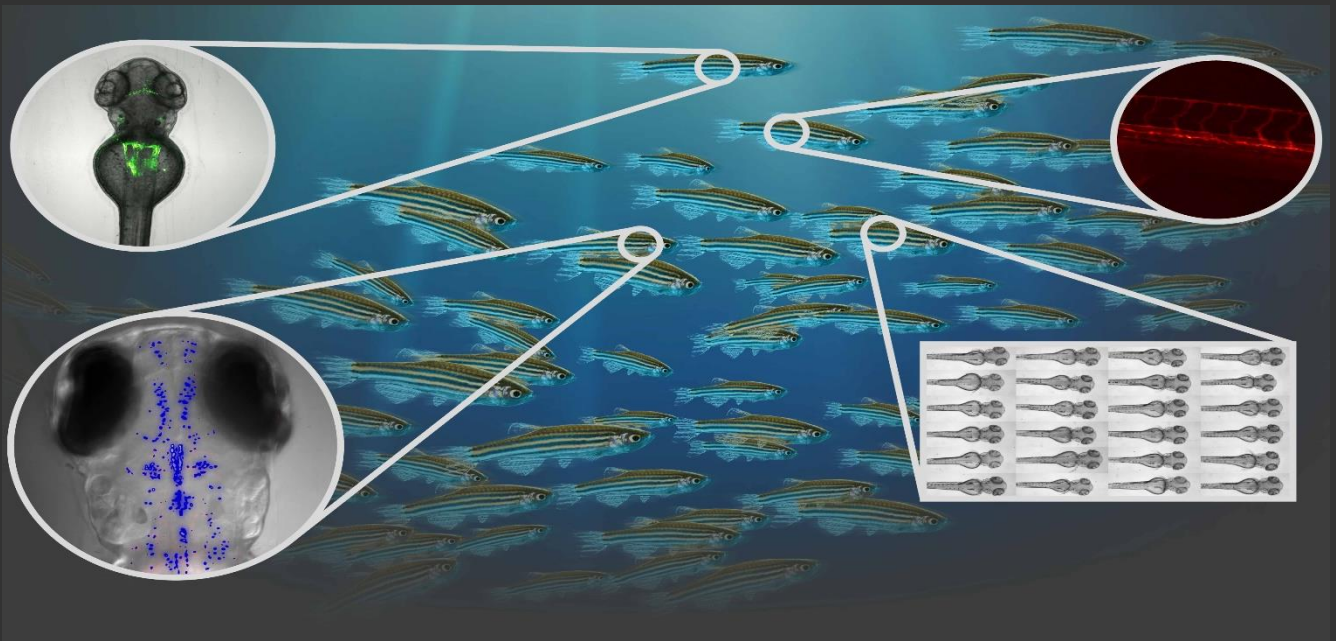
Imaging Machine

Seminar

“High Content Screening by ACQUIFER. Workflows for Automated Imaging and Analysis”

Date : 01.11.2017
Time: 2 pm
Location: CRDT, SR 1 + 2
Speaker: Jochen Gehring, ACQUIFER

ACQUIFER integrates expertise for the development of assays, instruments and tools required for whole organism and cell based high content screening applications. In this seminar, we will present the ACQUIFER Imaging Machine a novel and easy-to-use high content screening system following a unique opto-mechanical design rendering it ideal for non-adherent and motion sensitive samples or large specimens. We will discuss example projects and workflows with an emphasis on zebrafish protocols for genetic, toxicological or pharmaceutical screens. Applications of phenotypic changes concerning overall and tissue specific morphology are illustrated as well. Often the consistent alignment of zebrafishes caused problems for imaging and we provide a tool to solve this limitation. Finally we deliver insight into image processing and data management.



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