

Automated Morphology Assessments for Improved Larval Zebrafish Screening

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Integrating Automated Morphology

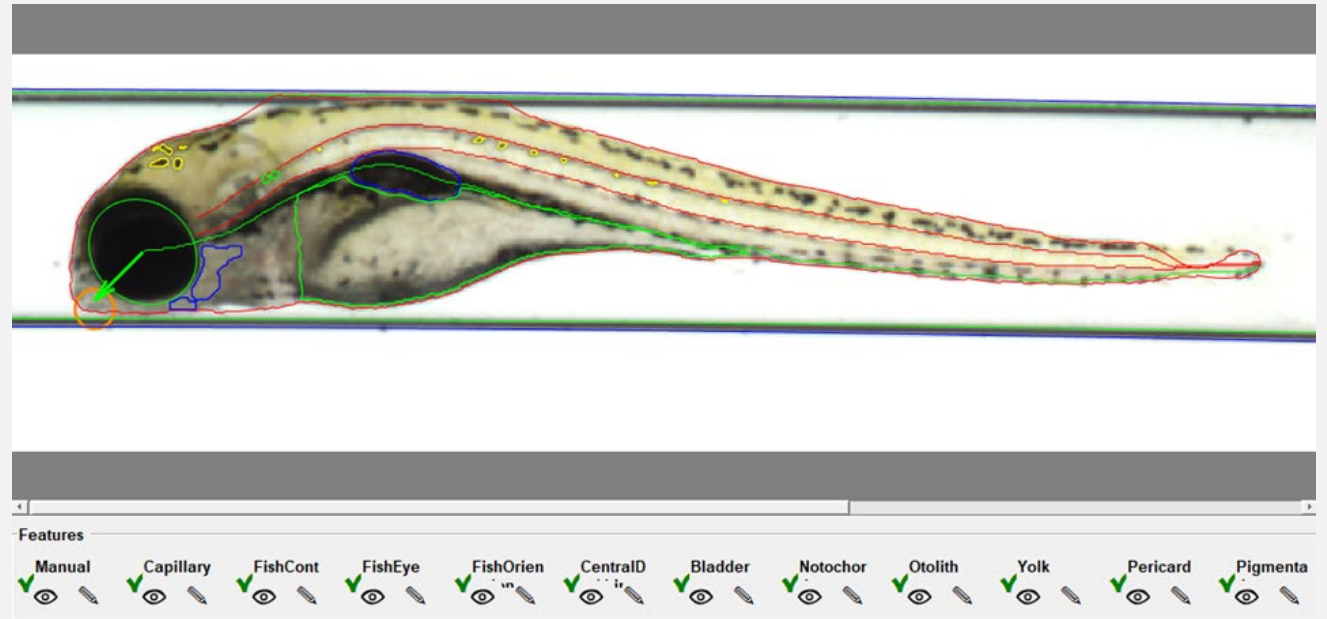
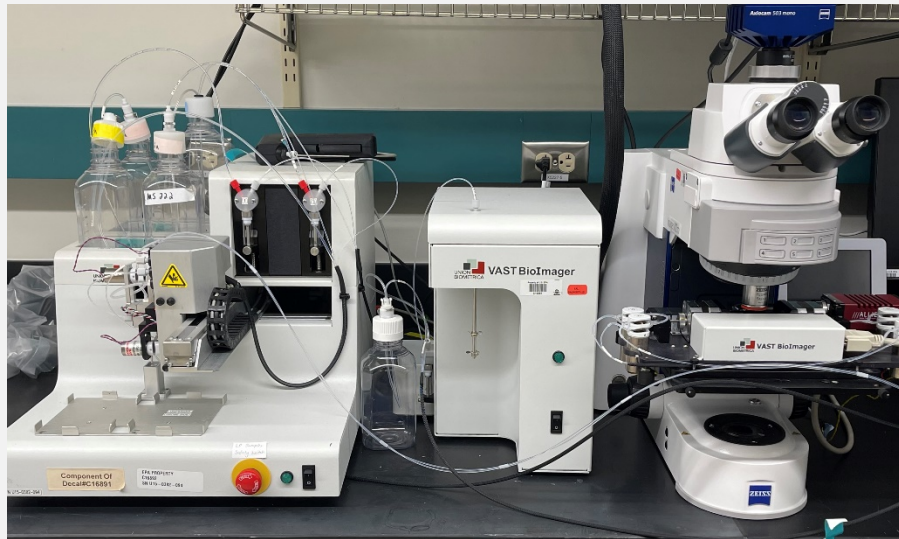


Embryos are
plated, and
treated

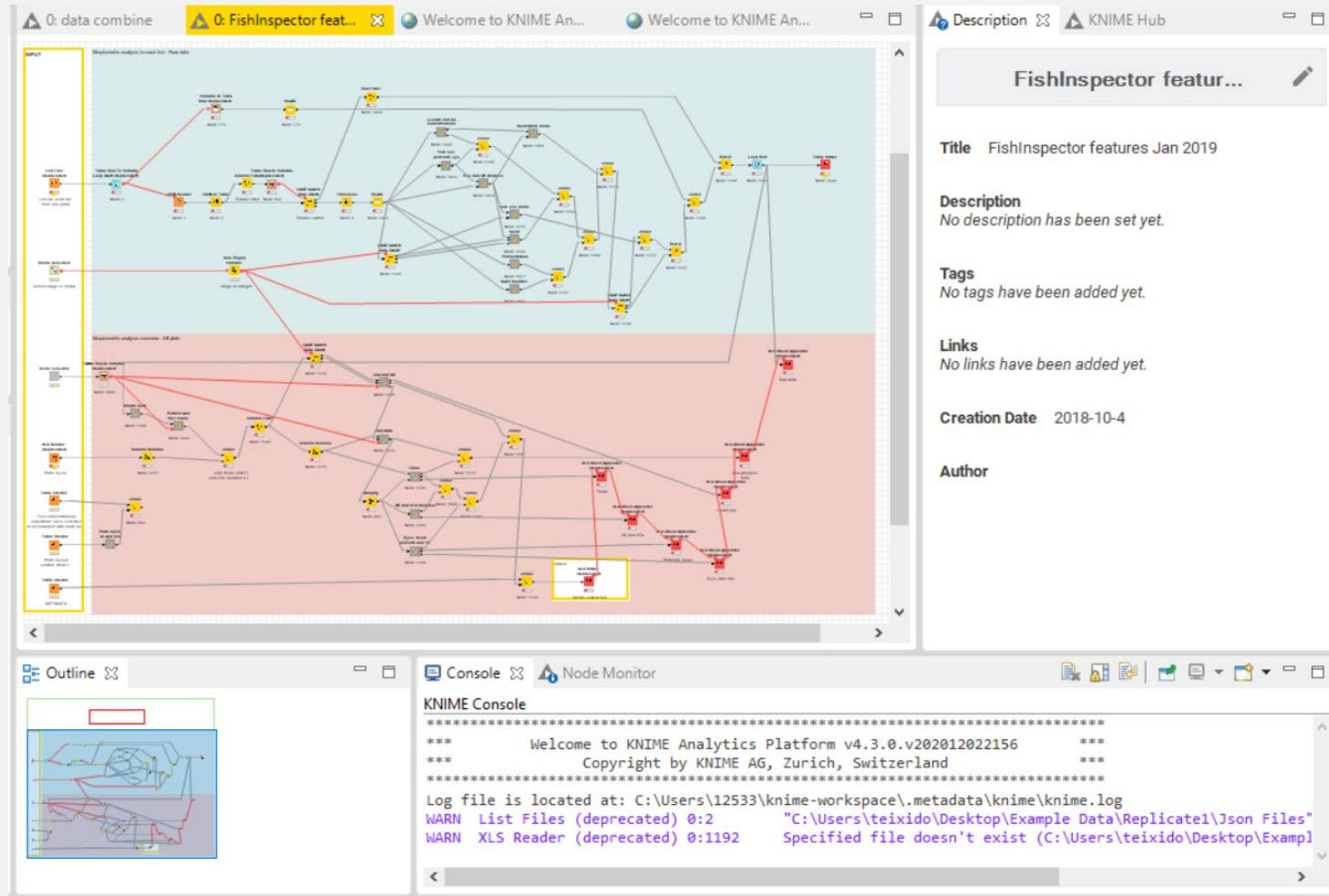
Embryos removed
from treatment

Behavior
assessment

Visual
Morphological
assessment



Integrating Automated Morphology



Summary:

VAST BioImager

-provides detailed images

FishInspector

-detects and measures features

KNIME

-organizes and analyzes extensive morphological data for each individual larva