



WISOFT® ATHENA SOFTWARE: SIMPLIFYING IMAGE ANALYSIS FOR BIOLOGISTS

Athena software provides unparalleled ease to streamline image analysis and data visualization for experiments using fluorescence microscopy.

VERSATILE ANALYSIS OPTIONS:

- ✓ Detect and measure individual cells, spheroids or organoids for cytometry and morphological analysis.
- ✓ Identify and examine colonies or groups of cells with special tools to study neighbor-neighbor interactions.
- ✓ Classify individuals into groups for a quantitative population and phenotype analysis.
















CLEAR, SIMPLE AND INFORMATIVE RESULTS:

- ✓ Visualize your data quickly with Athena's built-in tools and interactive plots: heat maps, histograms, scatter plots, dose curves and time-plots.
- ✓ Calculate common statistics on the fly through interactive menus.
- ✓ Generate digital summary reports to save plot images for presentations, create a digital lab notebook, and easily export the raw data for use in other applications.

EFFORTLESS OPERATION FOR ALL USERS:

- ✓ Access Athena's powerful analysis algorithms through an intuitive, push-button interface that ensures productive use from day one, even for newcomers.
- ✓ Select applications tailored for common biological assays to begin image analysis within minutes.
- ✓ Analyze images from other microscope manufacturers thanks to Athena's compatibility with the most common image file format types.

WISOFT® ATHENA READY-MADE APPLICATIONS:

 CELL MORPHOLOGY	 FIBER-ANALYSIS	 RNA & ORGANELLE CO-LOCALIZATION
 PROTEIN EXPRESSION	 VIRAL PLAQUE ASSAY	 MITOCHONDRIA QUANTIFICATION
 CELL COUNT	 TRANSLOCATION + INTRACELLULAR GRANULES	 SCRATCH ASSAY
 CELL CYCLE	 VIRAL SPREAD QUANTIFICATION	 LIVE-DEAD TOXICOLOGY ASSAYS
 SPHEROIDS	 INTRANUCLEAR FOCI	 ZEBRAFISH FLUORESCENCE QUANTIFICATION



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SPECIALIZED APPLICATIONS FOR ADVANCED RESEARCH:

✓ Cell Count & Morphology:

Quantify numbers and shapes of spheroids, organoids, or single cells to robustly assess cellular health in your experiment.

✓ Protein Expression & Cell Cycle Analysis:

Delve into single-cell fluorescence intensity and DNA labeling for cycle populations.

✓ Intracellular Analysis:

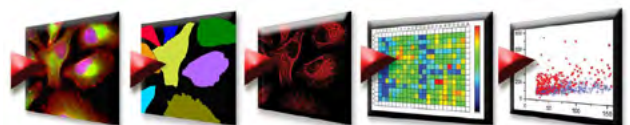
From translocation studies to granule or spot quantification, Athena measures a wide range of cellular properties.

✓ Label-free analysis:

Explore specialized studies for non-labeled samples such as spheroids, organoids, Zebrafish, cellular colonies, confluency, and scratch assay/wound healing.

✓ Innovative Quantification:

Tackle questions about fluorescence overlap, co-localization, or analysis of 3D model systems including zebrafish and C. elegans, with a reliable partner at your side.



Athena Software is made by biologists, for biologists as it is a comprehensive, user-friendly platform for analyzing fluorescence and bright-field microscopy images. Athena empowers life science researchers to extract copious data quickly and easily. Dive into your research with Athena and experience the future of cell biology analysis.

Contact OLS OMNI Life Science - Your Partner in Cell Research

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