

Fluorescence microscope

A fluorescence microscope is an optical microscope that uses fluorescence instead of, or in addition to, scattering, reflection, and attenuation or absorption, to study the properties of organic or inorganic substances.

Examples of uses:

- live cell imaging (cell division, cell migration, movements and transformations of organelles, calcium imaging)
- detection and determination of the proteins localization in cell and tissue
- identification of apoptosis
- cyto- and genotoxicity study

