MMC FISH is a software package for automation of FISH technique (Fluorescence in situ Hybridization).

Main features:

- Acquisition of grayscale images using required number of filters with subsequent color-coding. Acquisition of color images. Automatic saving and loading of camera parameters for every filter. Convenient tool for customization of different labeling schemes.

- Several digital microscope cameras manufactured by MMCSoft can be provided for different signal intensity. Full camera control from our software. Highest light sensitivity to capture even weakest signals with minimum noise.

- Storage of source images and resulting image along with any accompanying textual data, images and documents in the built-in MultiMedia Catalog database. You can take the advantage of all the powerful features of MMCatalog in application to FISH. The database is a perfect tool for archiving of data, analysis results, images, fast and flexible search and spectacular reporting with images, graphs and other features adjusted to your particular needs. Herewith our database can serve the needs of virtually any laboratory or research institution.

- Correction of shift between source images.

- Automatic generation of the resulting composed image

- A set of image enhancement filters to highlight the labels. The resulting image is rebuilt automatically.

- Manual measurements for special research or other individual tasks.