

What is imaging flow cytometry?

Imaging flow cytometry combines the statistical power and fluorescence sensitivity of flow cytometry with the spatial resolution and quantitative morphology of microscopy in a single instrument. The platform is equipped with an **Amnis ImageStream X Mark II**. The microscopic images obtained with this cytometer provide qualitative and quantitative image data of every event acquired in flow. Applications for this technology include: cell signaling, cell cycle and mitosis, internalization, co-localization, cell-cell interaction, morphology, cell death and autophagy, DNA damage and repair and spot counting.