

AMNIS: cytometry with vision

MERCK

Comment allier la puissance statistique de la cytométrie en flux à l'imagerie quantitative

Livine Duban



Amnis® imaging flow cytometers combine the speed and sample size of flow cytometry with the resolution and sensitivity of microscopy in a single instrument platform unlike any other available for cell analysis. With up to 12 channels for each cell in a population, microscopic images provide qualitative and quantitative image data of every event acquired in flow.

date: Le mardi 27 mars

Heure: **10-12h : Campus Pasteur
Amphithéâtre IBL**

10-11h : Introduction à l'ISX

11-12h : Morphologie cellulaire, cycle cellulaire/mitose/apoptose, synapse ou interactions cellulaires, signalisation, trafficking, vésicules extra-cellulaires et petites particules.

**14-16h : Campus HU
Bâtiment IRCL salle sous-sol**

14-15h : Introduction à l'ISX

15-16h : Biologie marine et Morphologie cellulaire, cycle cellulaire/mitose/apoptose, synapse ou interactions cellulaires, signalisation, trafficking, phagocytose et internalisation.

contact: **Hélène Bauderlique**
helene.bauderlique@ibl.cnrs.fr

Application Examples

Cell signaling

Internalization & phagocytosis

Surface and intracellular co-localization

DNA damage and repair

Microbiology

Cell cycle & mitosis

Cell death & autophagy

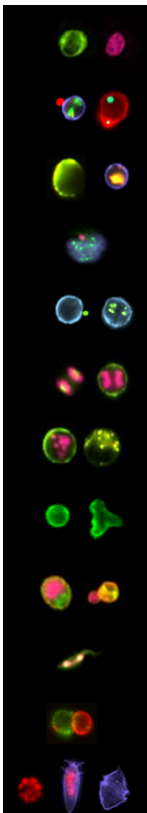
Shape change & chemotaxis

Stem cell biology

Parasitology

Cell-cell interaction

Oceanography



Jan Brants
Cellular Analysis Specialist
jan.brants@merckgroup.com
07 86 67 00 41