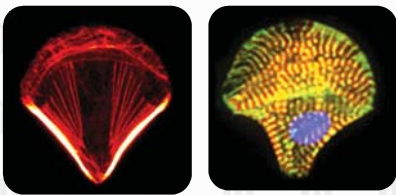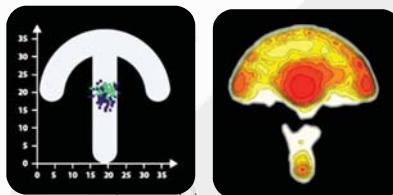# Joint CYTOO-IBMC Practical Workshop
Automated High Content Analysis
Using CYTOO's Cell Normalization Technology for Fast and Reliable High Content Cell Analysis
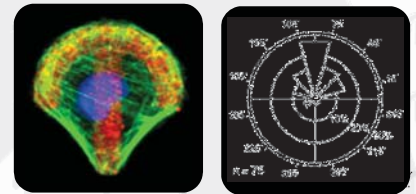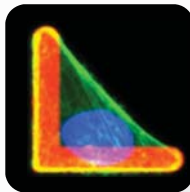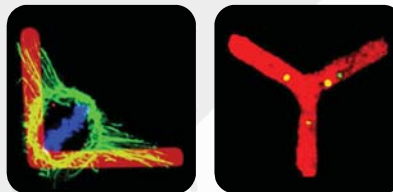
Cytoskeleton
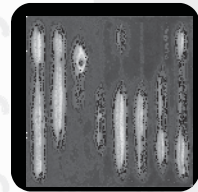
Organelle Mapping

Cell Polarity

Cell shape & morphology

Cell Division

Cell Migration

Discover CYTOO: and

Normalize Cell behavior
Reduce assay variability
Explore a large panel of Cell Functions
Build a Reference Cell™

The workshop will focus on the practical aspects of using micropatterned cell supports (**CYTOOchips**) in a model "dose-response" drug assay. After a short presentation, CYTOO experts will illustrate how to:
(i) efficiently automate image acquisition with cells plated on micropatterned CYTOOchips (**Wide field microscope/Micro-Manager**);
(ii) apply image cell analysis algorithms to measure parameters of interest within individual cells (using **ImageJ macros**);
(iii) obtain statistically relevant data with only 50 cells.

Lecture (10h-12h)
Main auditorium
Upon registration

Practical sessions (13h30-18h30)
Rooms 1.06 and 1.05
Upon registration

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CYTOO™
CELL ARCHITECTS