Technology Seminar

Cells in focus - New ways in Cell Microscopy

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Nov 7, 2011 (MON)
11:00am-12:00pm
L9-53, Conference Room, 9/F, Laboratory Block

All are Welcome!

Recently, there have been major developments in the optical analysis of processes inside cells. Fluorescence methods, confocal microscopy or evanescent field methods have become indispensable tools for cell imaging. In this seminar, we will introduce new methods for optical microscopy using microfluidic cell-cultivation chambers, µ-Slides.

• For simultaneous cultivation and optical analysis of the cells for various applications
  - Wound-healing assays
  - Chemotaxis investigations
  - Perfusion and flow assays
  - Angiogenesis and tube formation assays
  - Immunofluorescence staining

• New results in these fields will be presented.