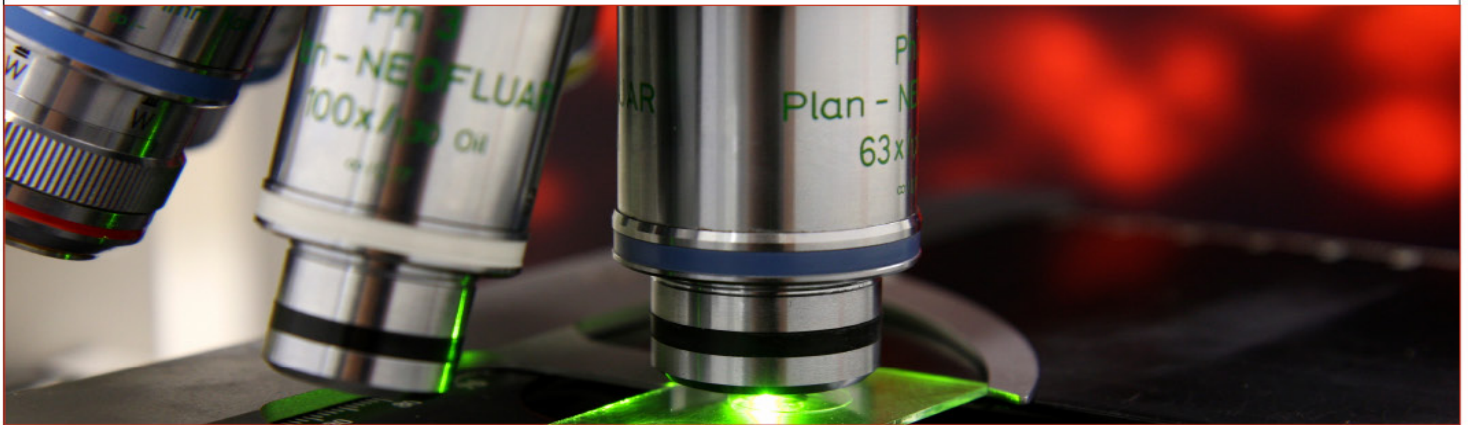


SÉMINAIRES ET CONFÉRENCES



David Weitz
Harvard University

« Droplet microfluidics for single cell studies »

This talk will describe the use of microfluidic technology to control and manipulate drops whose volume is about one picoliter. These can serve as reaction vessels for biological assays. These drops can be manipulated with very high precision using an inert carrier oil to control the fluidics, ensuring the samples never contact the walls of the fluidic channels. Small quantities of other reagents can be injected with a high degree of control. The drops can also encapsulate cells, enabling cell-based assays to be carried out. The use of these devices for biotechnology and diagnostic applications will be described.

Lab: <http://weitzlab.seas.harvard.edu/>



Faculté de médecine
Département de biochimie
et médecine moléculaire

Université 
de Montréal

Le lundi 13 février 2017, 12h00

**Pavillon Roger-Gaudry
Salle : G-615**

Invité par Adrian Serohijos

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