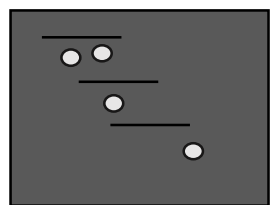
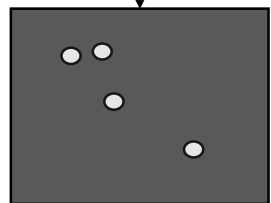


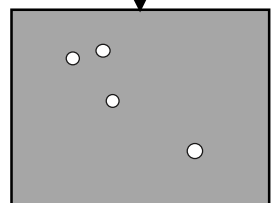
Fluorescent image  
(brightness adjusted)



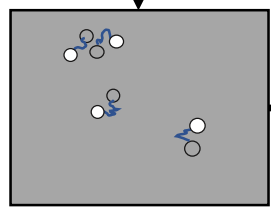
Static correction  
(subtraction by pixel-wise  
average image)



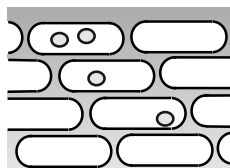
Cell recognition



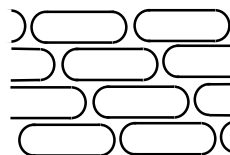
Cell tracking



Out-of-focus image



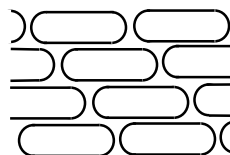
Brightness and contrast  
adjustment



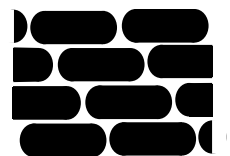
8-bit

Robust automatic  
threshold selection

binary



Fill holes



Micro-trench separated  
single-cell tracking data  
(death signal)

