cellular Potts Model

cellular-automaton-based Monte- carlo method



confocal microscopy image of Lumane endothelial cells (Huvec) growing inside paper permeated with Matrigel. cells form a Lollow Blood-Vessel like Structure. Purple: cellulose, red: F-actin, yellow: nucleus

Thursday, 1 December 2011

vascular endothelial cells chemotactically attract each other

Modeling the cells individually

intercellular adhesion adhesion to matrix cell shape chemoattractant concentration









