CeCe
Simulátor komunikace buněk v dynamickém prostředí

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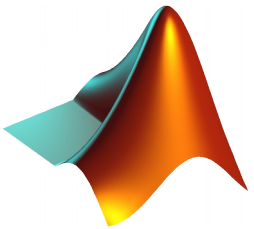
Used tools

RuleBender



Everything together?

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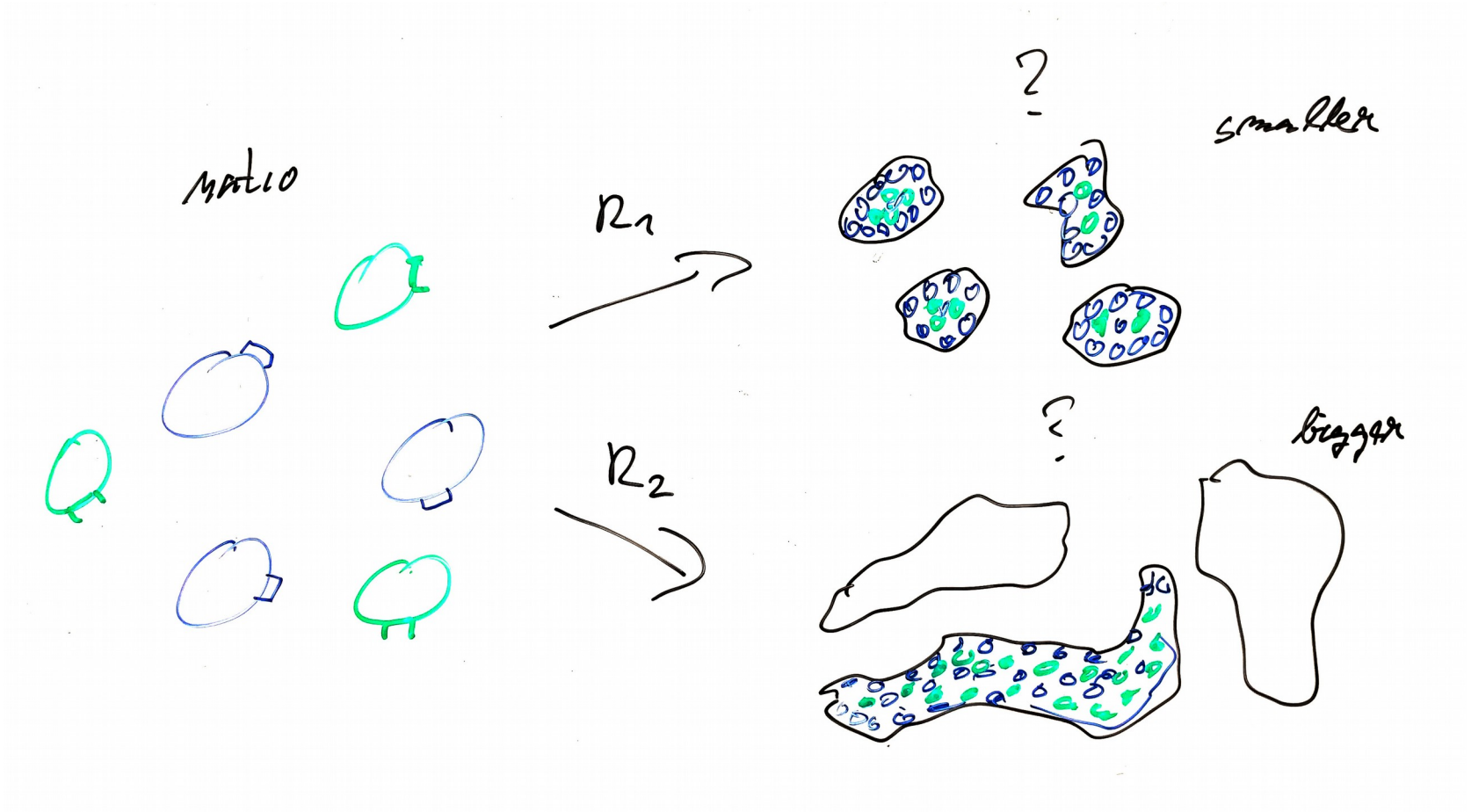
In-house simulation tool

- Stochastic intracellular & intercellular simulations
- Diffusion simulation
- Fluid simulation
- Cell agglutination

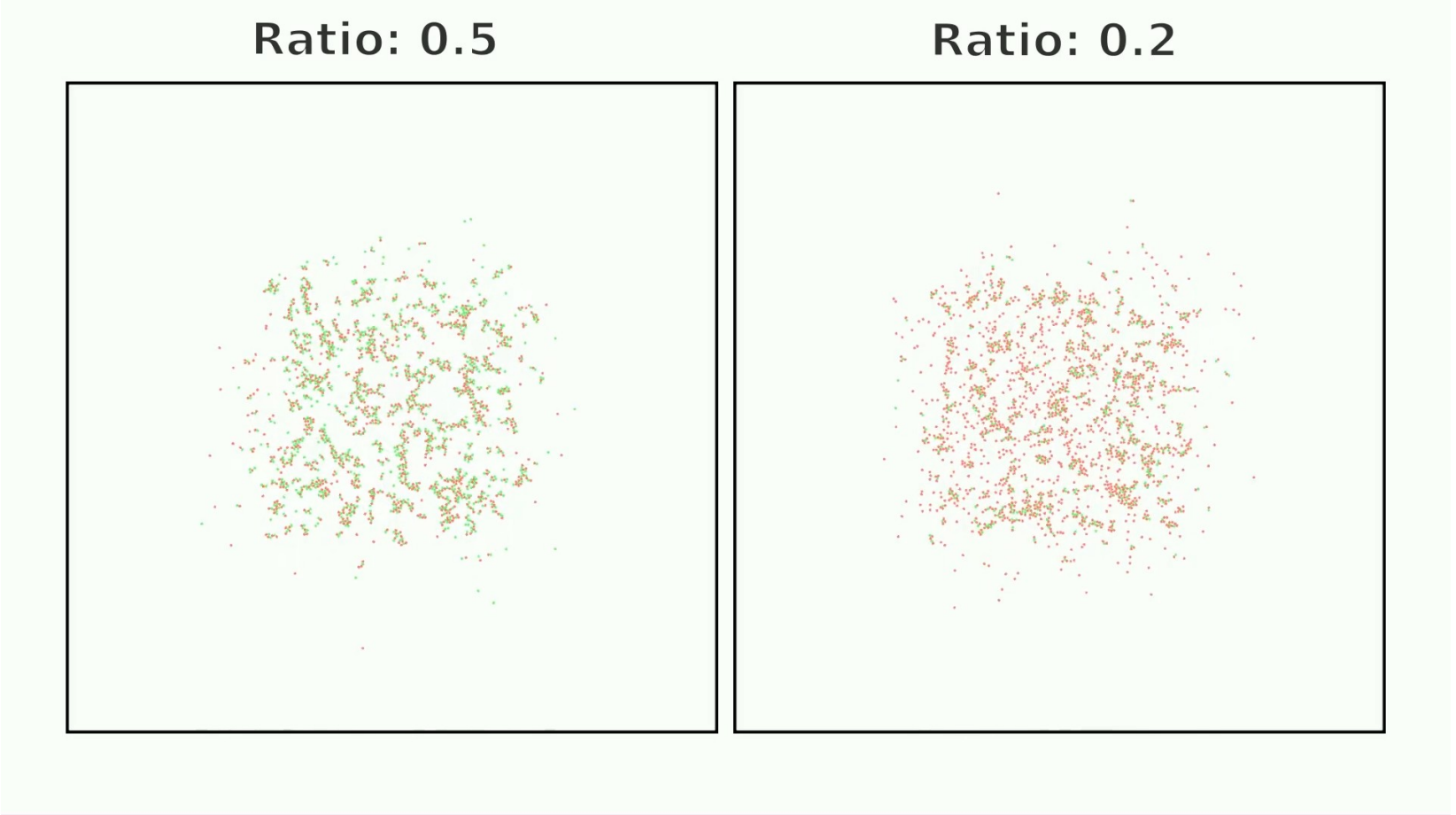
Example 1

Clumping



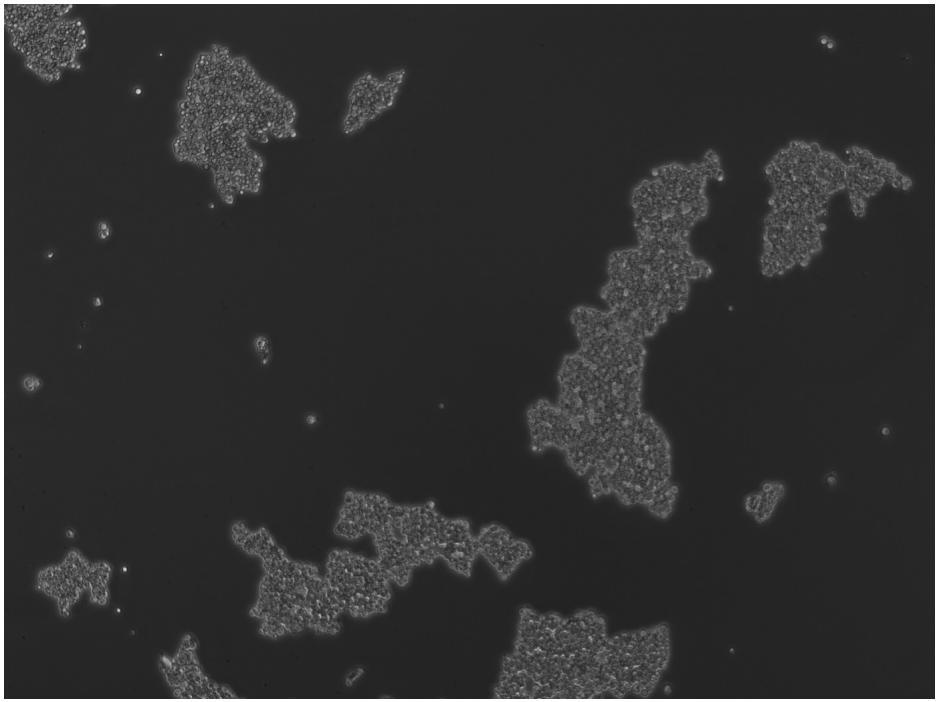
Example 1

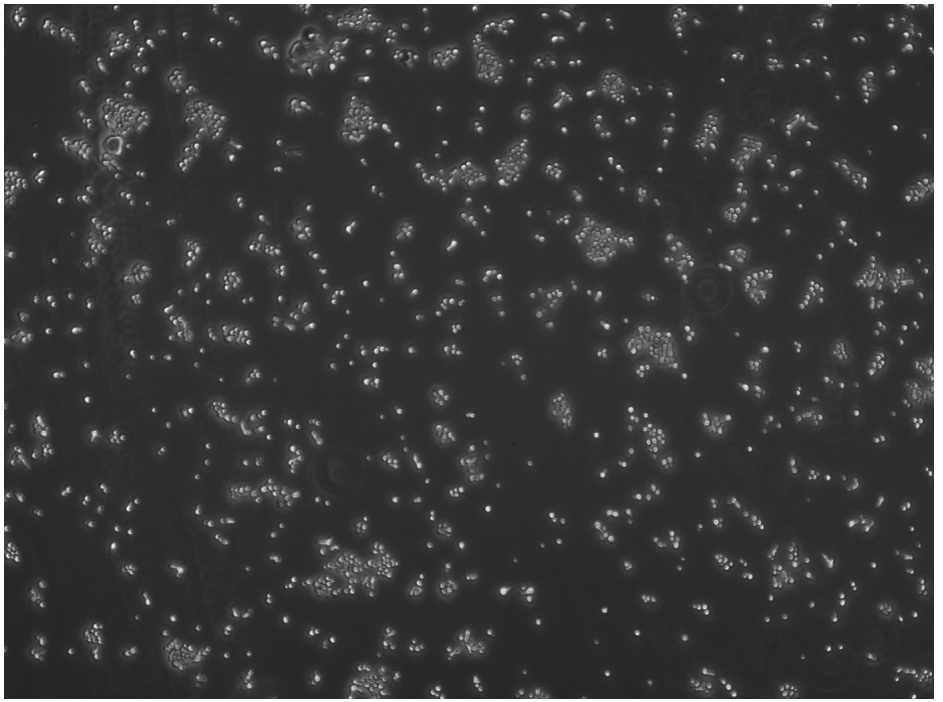
Clumping



Example 1

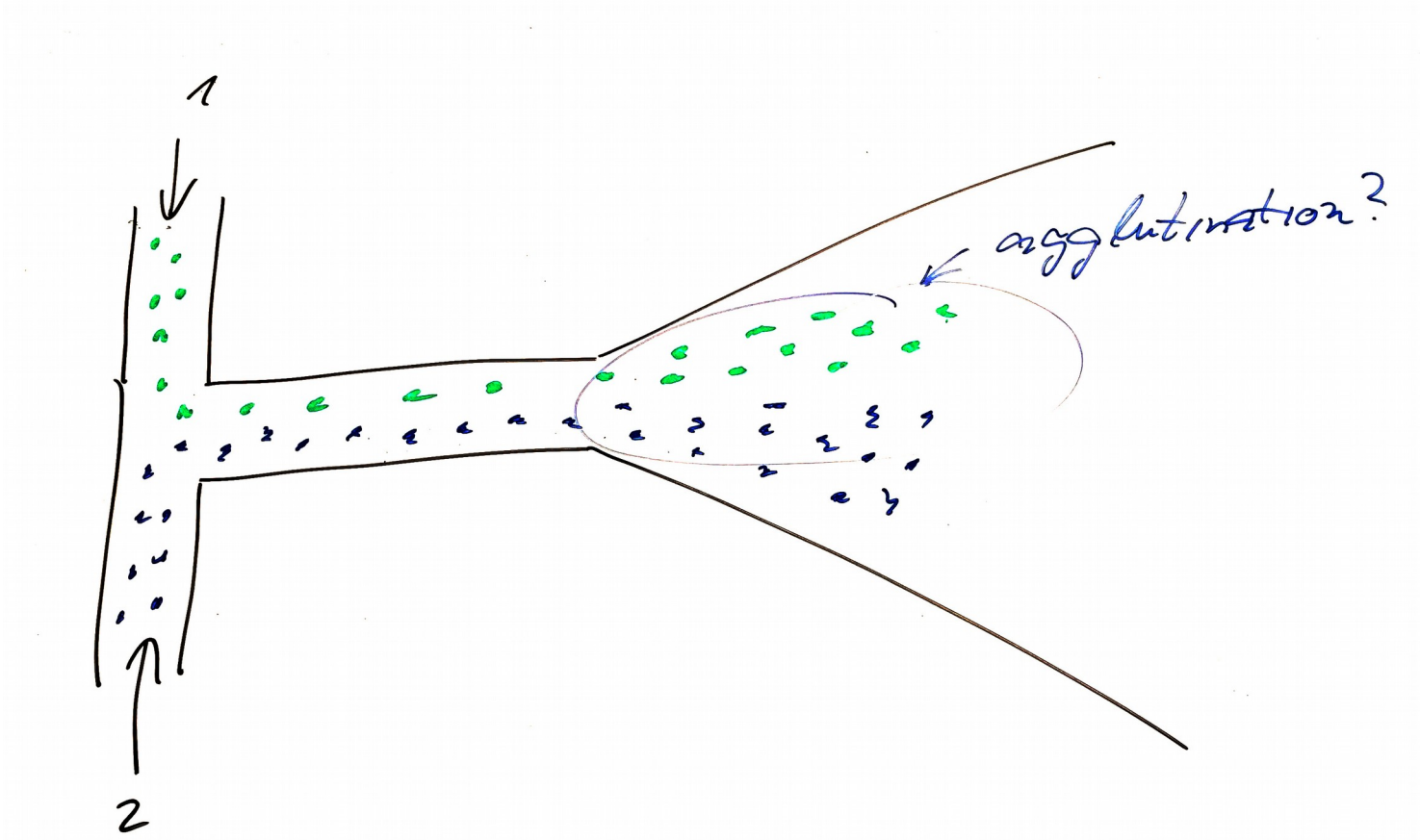
Clumping





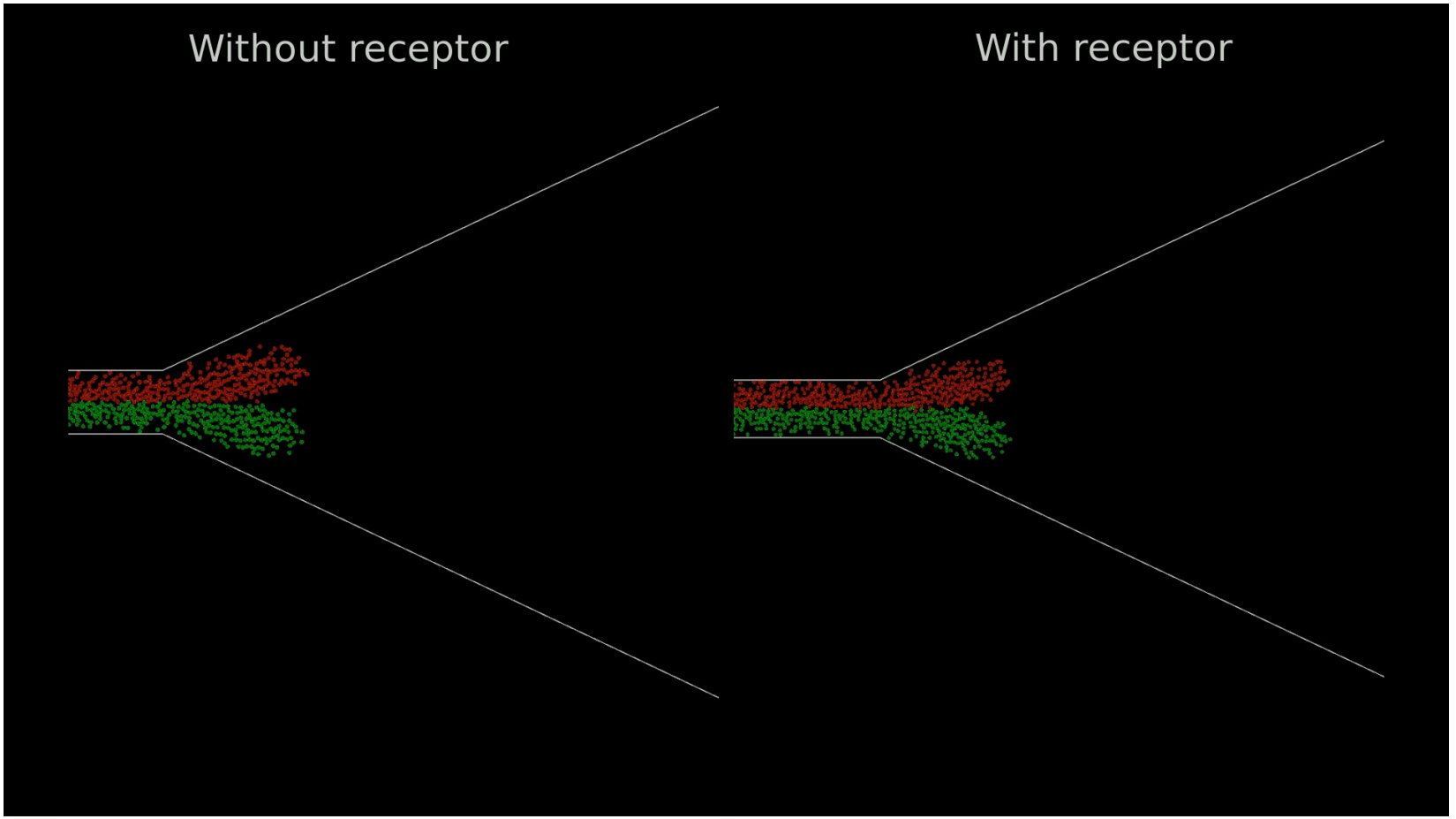
Example 2

Clumping - microfluidics



Example 2

Clumping – microfluidics

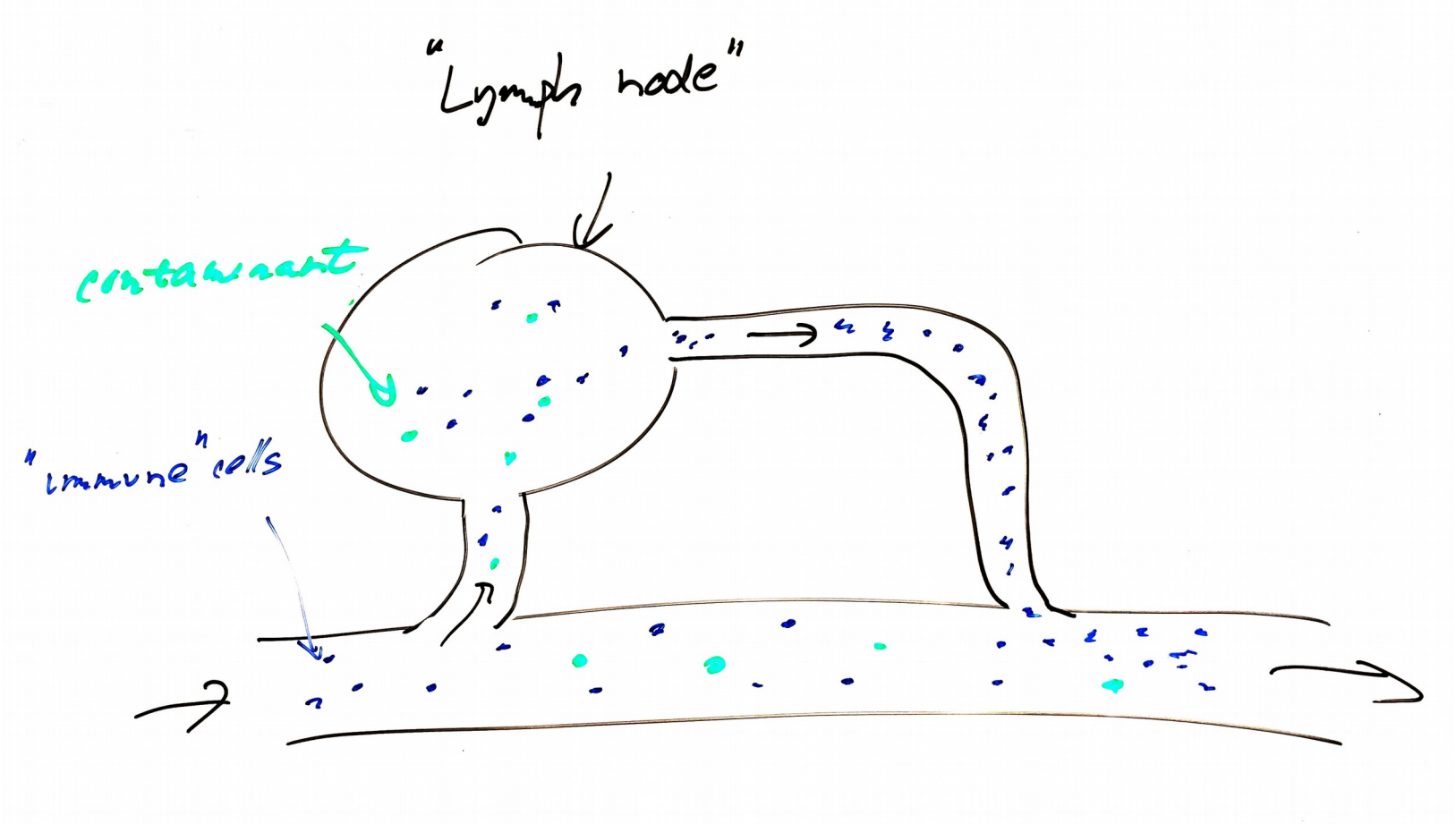


Example 2

Clumping – microfluidics

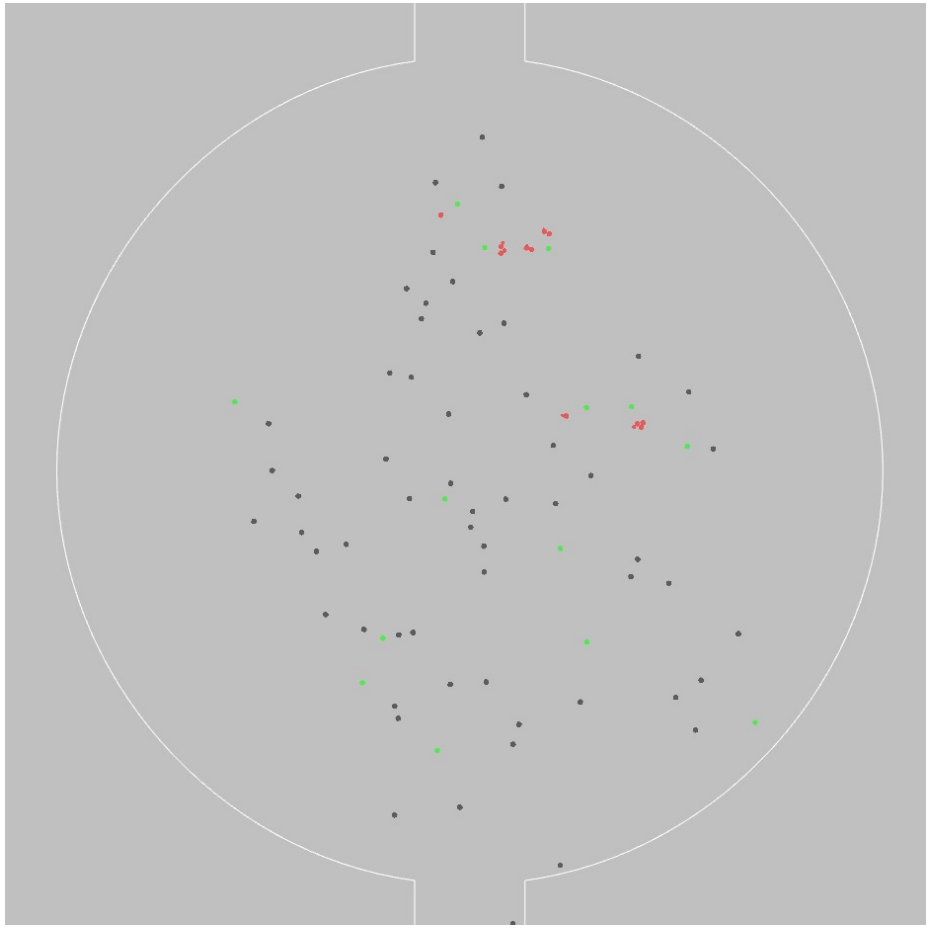
Example 3

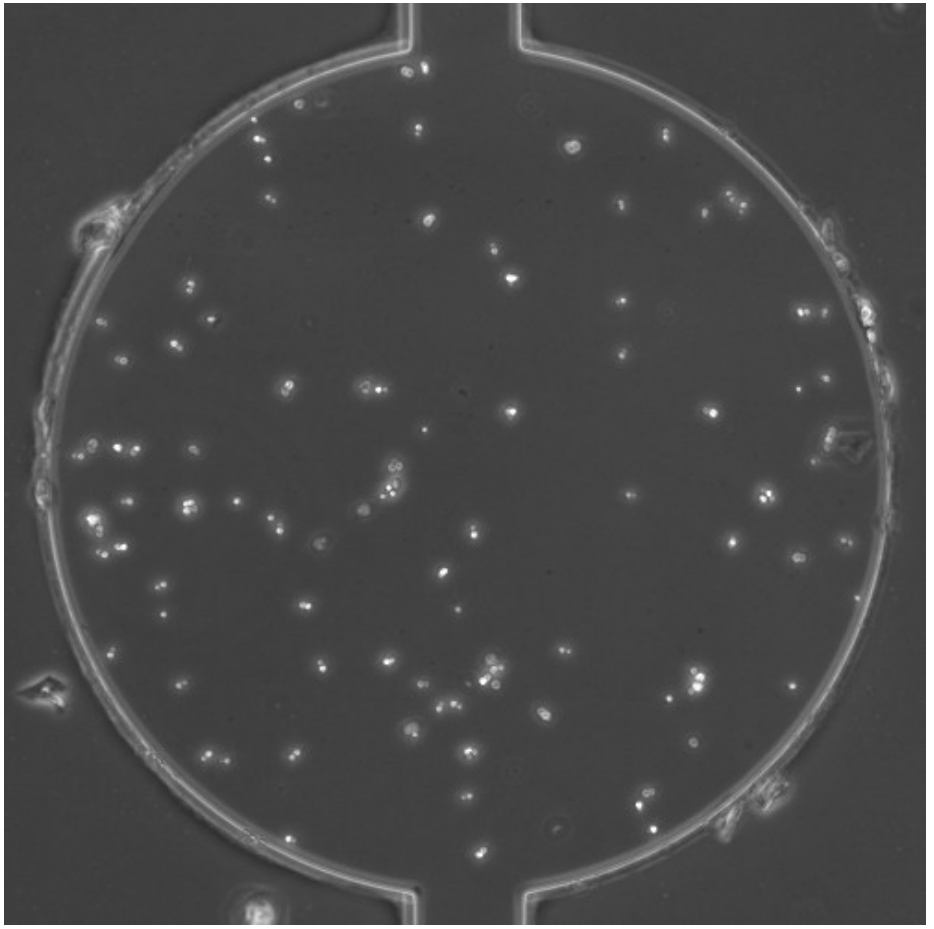
Microfluidic chip immune system



Example 3

Microfluidic chip immune system





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Open-source

GitHub

https://github.com/GeorgievLab/CeCe