VCell Tutorial

FRAP: Fluorescence Redistribution After Photo bleaching

Create a simple biomodel and spatial (PDE) application to simulate a photobleaching experiment and view the results.

In this tutorial...

- Gain a basic introduction to the Virtual Cell interface
- Create a very simple biomodel with species but no reactions
- Create a spatial deterministic (PDE) application of a model using analytic equations to create a simple geometry
- Define initial concentrations that are non-uniform using Boolean expressions
- View and analyze results of a spatial simulation

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Next VCell tutorial: FRAP with Binding