

Resource Summary Report

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Subcellular App

RRID:SCR_018790

Type: Tool

Proper Citation

Subcellular App (RRID:SCR_018790)

Resource Information

URL: <https://subcellular.humanbrainproject.eu/>

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Description: Web interface for simulation of biological molecular networks. Web based environment for creation and simulation of reaction-diffusion models integrated with molecular repository. Allows to import, combine and simulate existing models expressed with BNGL and SBML languages. Application is integrated with number of solvers for reaction-diffusion systems of equations.

Synonyms: Subcellular app, subcellular application, Subcellular Application

Resource Type: data access protocol, service resource, web service, software resource

Keywords: Subcellular simulation, reaction-diffusion modeling, brain simulation platform, human brain project, subcellular model, biological molecular network simulation, reaction diffusion model, solver, reaction diffusion system, equation, simulation, molecular network

Funding: Human Brain Project SGA 1-3

Availability: Restricted

Resource Name: Subcellular App

Resource ID: SCR_018790

Alternate IDs: SCR_018791

Alternate URLs: https://humanbrainproject.github.io/hbp-sp6-guidebook/online_usecases/subcellular_level/subcellular_app/subcellular_app.html

Record Creation Time: 20220129T080342+0000

Record Last Update: 20260803T040801+0000

Ratings and Alerts

No rating or validation information has been found for Subcellular App.

No alerts have been found for Subcellular App.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Santos JPG, et al. (2022) A Modular Workflow for Model Building, Analysis, and Parameter Estimation in Systems Biology and Neuroscience. Neuroinformatics, 20(1), 241.