Resource Summary Report

Generated by RRID on Apr 8, 2025

Subcellular App

RRID:SCR_018790
Type: Tool

Proper Citation

Subcellular App (RRID:SCR_018790)

Resource Information

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

Proper Citation: Subcellular App (RRID:SCR_018790)

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

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: 20250407T220525+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 RRID.

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