

# Resource Summary Report

Generated by RRID on Aug 2, 2026

## BioSimulators

RRID:SCR\_019111

Type: Tool

### Proper Citation

BioSimulators (RRID:SCR\_019111)

### Resource Information

**URL:** <https://biosimulators.org>

**Proper Citation:** BioSimulators (RRID:SCR\_019111)

**Description:** Web tool as collection of containerized biosimulation tools that provide consistent interfaces and guide to choosing simulator. Helps to find simulation tools that have capabilities, including supported modeling frameworks, simulation algorithms, and modeling formats, needed for specific modeling projects.

**Resource Type:** software resource, web application, software repository

**Keywords:** Containerized biosimulation tools, consistent interfaces, choosing simulator guide, supported modeling frameworks, simulation algorithms, modeling formats, bio.tools

**Funding:** Center for Reproducible Biomodeling Modeling ;  
National Institute of Bioimaging and Bioengineering ;  
National Institute of General Medical Sciences ;  
National Institutes of Health ;  
National Science Foundation

**Availability:** Free, Freely available

**Resource Name:** BioSimulators

**Resource ID:** SCR\_019111

**Alternate IDs:** biotools:biosimulators

**Alternate URLs:** <https://bio.tools/biosimulators>

**License:** MIT

**Record Creation Time:** 20220129T080343+0000

**Record Last Update:** 20260801T190628+0000

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## Ratings and Alerts

No rating or validation information has been found for BioSimulators.

No alerts have been found for BioSimulators.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 5 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](#) .

Sinha A, et al. (2025) The NeuroML ecosystem for standardized multi-scale modeling in neuroscience. eLife, 13.

Golebiewski M, et al. (2024) Specifications of standards in systems and synthetic biology: status, developments, and tools in 2024. Journal of integrative bioinformatics, 21(1).

Niarakis A, et al. (2022) Addressing barriers in comprehensiveness, accessibility, reusability, interoperability and reproducibility of computational models in systems biology. Briefings in bioinformatics, 23(4).

Shaikh B, et al. (2022) BioSimulators: a central registry of simulation engines and services for recommending specific tools. Nucleic acids research, 50(W1), W108.

Shaikh B, et al. (2021) RunBioSimulations: an extensible web application that simulates a wide range of computational modeling frameworks, algorithms, and formats. Nucleic acids research, 49(W1), W597.