

Resource Summary Report

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Physiome

RRID:SCR_017374

Type: Tool

Proper Citation

Physiome (RRID:SCR_017374)

Resource Information

URL: <https://models.physiomeproject.org>

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Description: Repository of mainly CellML models powered by collection of software tools and libraries with PMR2 software suite as core power. Third party integration suites are RICORDO, Virtuoso, BiVeS/BudHat, OpenCOR, CombineArchive Web, WebCAT, Morre/MaSyMoS.

Abbreviations: PMR

Synonyms: Physiome Model Repository, PMR2

Resource Type: storage service resource, model, data repository, service resource, dynamic model, data or information resource

Defining Citation: [DOI:10.1093/bioinformatics/btq723](https://doi.org/10.1093/bioinformatics/btq723)

Keywords: Physiology, repository, CellML, cell, model, file, metadata, PMR2

Funding: British Heart Foundation ;
Maurice Wilkins Centre for Molecular Biodiscovery ;
Virtual Physiological Human Network of Excellence ;
Wellcome Trust

Availability: Free, Available for download, Freely available

Resource Name: Physiome

Resource ID: SCR_017374

Alternate URLs: <http://www.cellml.org/tools/pmr/>, <http://models.cellml.org/>

License: GPL, LGPL and MPL

Record Creation Time: 20220129T080335+0000

Record Last Update: 20250503T060713+0000

Ratings and Alerts

No rating or validation information has been found for Physiome.

No alerts have been found for Physiome.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Azer K, et al. (2021) History and Future Perspectives on the Discipline of Quantitative Systems Pharmacology Modeling and Its Applications. *Frontiers in physiology*, 12, 637999.

Guidry ME, et al. (2020) Insights From Computational Modeling Into the Contribution of Mechano-Calcium Feedback on the Cardiac End-Systolic Force-Length Relationship. *Frontiers in physiology*, 11, 587.

Afshar N, et al. (2019) Computational Modeling of Glucose Uptake in the Enterocyte. *Frontiers in physiology*, 10, 380.

Safaei S, et al. (2016) Roadmap for cardiovascular circulation model. *The Journal of physiology*, 594(23), 6909.