Open PHACTS

RRID:SCR_005050
Type: Tool

Proper Citation

Open PHACTS (RRID:SCR_005050)

Resource Information

URL: http://www.openphacts.org/

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Description: Project that developed an open access discovery platform, called Open Pharmacological Space (OPS), via a semantic web approach, integrating pharmacological data from a variety of information resources and tools and services to question this integrated data to support pharmacological research. The project is based upon the assimilation of data already stored as triples, in the form subject-predicate-object. The software and data are available for download and local installation, under an open source and open access model. Tools and services are provided to query and visualize this data, and a sustainability plan will be in place, continuing the operation of the Open PHACTS Discovery Platform after the project funding ends. Throughout the project, a series of recommendations will be developed in conjunction with the community, building on open standards, to ensure wide applicability of the approaches used for integration of data.

Abbreviations: OPS

Synonyms: Open Pharmacological Concepts Triple Store, Open PHACTS: Open Pharmacological Space, Open Pharmacological Space, Open PHACTS - Open Pharmacological Space, OpenPhacts.org, OpenPHACTS

Resource Type: software resource, database, consortium, data or information resource, portal, organization portal

Defining Citation: PMID:22683805

Keywords: drug, enzyme family, structure, receptor, target, ki, pathway, pharmacology, enzyme, small molecule, data mining, annotation, drug discovery, drug development,
pharmacological profile, pharmacokinetic, admet data, biological target, chemical, linked data, rdf, nanopublication, platform, semantic technology, text mining, bioinformatics, cheminformatics, interoperability, chemistry, data provenance, compound, small molecule, semantic integration, drug discovery

**Funding Agency:** Innovative Medicines Initiative, EFPIA, Open PHACTS Foundation

**Availability:** Open unspecified license, Registration required, Non-commercial

**Resource Name:** Open PHACTS

**Resource ID:** SCR_005050

**Alternate IDs:** nlx_144033

**Alternate URLs:** https://www.force11.org/node/4684, http://www.imi.europa.eu/content/open-phacts

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**Ratings and Alerts**

No rating or validation information has been found for Open PHACTS.

No alerts have been found for Open PHACTS.

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**Data and Source Information**

**Source:** SciCrunch Registry

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**Usage and Citation Metrics**

We found 11 mentions in open access literature.

**Listed below are recent publications.** The full list is available at RRID.


