**SIMBioMS**

**RRID:** SCR_005745

**Type:** Tool

**Proper Citation:** SIMBioMS (RRID:SCR_005745)

**Resource Information**

**URL:** [http://simbioms.org/](http://simbioms.org/)

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**Description:** SIMBioMS (System for Information Management in BioMedical Studies) is a multi-module solution for data management in biomedical studies. Any research concerning human samples and/or utilizing high-throughput technologies yields such amount of information that conventional data storage solution might not be sufficient. We offer here three software modules: * Sample Information Management System (SIMS), * Assay Information Management System (AIMS) * Sample availability system (SAIL) * Emanta Administration tool (Emanta) All three software modules were developed as a part of the integrated EU project MolPAGE (Molecular Phenotyping to Accelerate Genomic Epidemiology) and the collaborative research project ENGAGE (European Network of Genomic and Genetic Epidemiology). SIMS and AIMS can work either as united system or as two completely independent components. In turn, SAIL is an independent web-based system for indexing of phenotypes availability in different cohorts and collections. All systems are packaged in such a way that they can easily be installed either as local (e.g. on a laptop) or as centralized databases (to be used by a group of people). SIMS and AIMS benefit from customizable interface, editable vocabularies and a choice of options for tackling data confidentiality issues. The systems provides a user with efficient means of control over data exchange process and at the same time helps to format the metadata in compliance with the standards accepted in functional genomics. Since SIMBioMS is an open source project, source files can be downloaded and changed by the user if needed.

**Abbreviations:** SIMBioMS

**Synonyms:** SIMBioMS - System for Information Management in BioMedical Studies, System for Information Management in BioMedical Studies
**Resource Type:** source code, software resource

**Defining Citation:** PMID:19633095

**Keywords:** data management, biomedical, module, sample, assay, high-throughput, project management

**Funding Agency:** European Union

**Availability:** Open unspecified license

**Resource Name:** SIMBioMS

**Resource ID:** SCR_005745

**Alternate IDs:** nlx_149204

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**Ratings and Alerts**

No rating or validation information has been found for SIMBioMS.

No alerts have been found for SIMBioMS.

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**Data and Source Information**

**Source:** SciCrunch Registry

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**Usage and Citation Metrics**

We found 6 mentions in open access literature.

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


Weiler G, et al. (2014) p-BioSPRE-an information and communication technology framework
for transnational biomaterial sharing and access. Ecancermedicalscience, 8, 401.
