Resource Summary Report

Generated by NIF on Apr 28, 2025

Experimental Network for Functional Integration: A European Network of Excellence for Data Integration and Systems Biology

RRID:SCR_001724
Type: Tool

Proper Citation

Experimental Network for Functional Integration: A European Network of Excellence for Data Integration and Systems Biology (RRID:SCR_001724)

Resource Information

URL: http://www.enfin.org/

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Description: ENFIN is a virtual institute to enable systems-level integration of experimental results. It is committed to provide a Europe-wide integration of computational approaches in systems biology. Its objectives are: - To develop a shared approach between traditionally dry and traditionally wet researchers in the area of systems-level interpretation of experimental results - To develop a distributed computational platform this integration and analysis of experimental data - To directly prove that such an approach has scientific value - To encourage and participate in the critical assessment of systems-level approaches - To disseminate knowledge and techniques to other academic researchers worldwide - To disseminate knowledge and techniques to commercial researchers, in particular European SMEs - To train young European researchers from a variety of backgrounds in system-level informatics techniques. The ENFIN Network runs four major platforms: A Joint Research Program covering the fields of Discrete Function Prediction, Network Reconstruction, Systems-Level Modeling, a Provision of Analysis Tools - EnSUITE, a Platform for Data Integration - EnCORE, and training Courses and Workshops on Systems Biology. Sponsors: The ENFIN project is funded by the European Commission within its FP6 Programme, under the thematic area Life sciences, genomics and biotechnology for health,contract number LSHG-CT-2005-518254.

Synonyms: ENFIN

Resource Type: organization portal, portal, data or information resource

Keywords: european, experimental, function, academic, analysis, computational, integration, modeling, network, platform, prediction, reconstruction, research, researcher, result, scientific, systems biology

Funding:

Resource Name: Experimental Network for Functional Integration: A European Network of Excellence for Data Integration and Systems Biology

Resource ID: SCR_001724

Alternate IDs: nif-0000-10224

Old URLs: http://www.enfin.org/page.php?page=home

Record Creation Time: 20220129T080209+0000

Record Last Update: 20250428T052905+0000

Ratings and Alerts

No rating or validation information has been found for Experimental Network for Functional Integration: A European Network of Excellence for Data Integration and Systems Biology.

No alerts have been found for Experimental Network for Functional Integration: A European Network of Excellence for Data Integration and Systems Biology.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Bandrowski A, et al. (2016) The Ontology for Biomedical Investigations. PloS one, 11(4), e0154556.

Peterson H, et al. (2013) Qualitative modeling identifies IL-11 as a novel regulator in maintaining self-renewal in human pluripotent stem cells. Frontiers in physiology, 4, 303.

Abu Dawud R, et al. (2012) Human embryonic stem cells and embryonal carcinoma cells have overlapping and distinct metabolic signatures. PloS one, 7(6), e39896.

Jurkowski W, et al. (2011) PPAR? population shift produces disease-related changes in molecular networks associated with metabolic syndrome. Cell death & disease, 2(8), e192.

Guex N, et al. (2010) Multiple imputations applied to the DREAM3 phosphoproteomics challenge: a winning strategy. PloS one, 5(1), e8012.

Reid AJ, et al. (2010) CODA: accurate detection of functional associations between proteins in eukaryotic genomes using domain fusion. PloS one, 5(6), e10908.

Kahlem P, et al. (2006) Dry work in a wet world: computation in systems biology. Molecular systems biology, 2, 40.