Resource Summary Report

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Coordination of Standards in Metabolomics

RRID:SCR_014662
Type: Tool

Proper Citation

Coordination of Standards in Metabolomics (RRID:SCR_014662)

Resource Information

URL: http://www.cosmos-fp7.eu

Proper Citation: Coordination of Standards in Metabolomics (RRID:SCR_014662)

Description: A group which aims to create open standards for metabolomics data shsaring and analysis.

Abbreviations: COSMOS

Synonyms: COordination of Standards in MetabOlomicS (COSMOS), COordination of Standards in MetabOlomicS

Resource Type: standard specification, narrative resource, data or information resource

Keywords: metabolomics, standard, collaboration, small molecule, consortium

Funding: European Union COSMOS EC312941

Resource Name: Coordination of Standards in Metabolomics

Resource ID: SCR_014662

Record Creation Time: 20220129T080321+0000

Record Last Update: 20250417T065459+0000

Ratings and Alerts

No rating or validation information has been found for Coordination of Standards in Metabolomics.

No alerts have been found for Coordination of Standards in Metabolomics.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Bumbaca B, et al. (2025) Network analyses of brain tumor multiomic data reveal pharmacological opportunities to alter cell state transitions. NPJ systems biology and applications, 11(1), 14.

Burtscher ML, et al. (2024) Network integration of thermal proteome profiling with multi-omics data decodes PARP inhibition. Molecular systems biology, 20(4), 458.

Wedderburn CJ, et al. (2022) Early neurodevelopment of HIV-exposed uninfected children in the era of antiretroviral therapy: a systematic review and meta-analysis. The Lancet. Child & adolescent health, 6(6), 393.

Rodrigues D, et al. (2021) New insights into the mechanisms underlying 5-fluorouracil-induced intestinal toxicity based on transcriptomic and metabolomic responses in human intestinal organoids. Archives of toxicology, 95(8), 2691.

Dugourd A, et al. (2021) Causal integration of multi-omics data with prior knowledge to generate mechanistic hypotheses. Molecular systems biology, 17(1), e9730.

Yaghmaie N, et al. (2021) QSMART: Quantitative susceptibility mapping artifact reduction technique. NeuroImage, 231, 117701.

Zhu C, et al. (2019) Characterization of Yak Common Biofluids Metabolome by Means of Proton Nuclear Magnetic Resonance Spectroscopy. Metabolites, 9(3).

Livigni S, et al. (2019) The different tolerance to magnesium deficiency of two grapevine rootstocks relies on the ability to cope with oxidative stress. BMC plant biology, 19(1), 148.

Rattray NJW, et al. (2018) Beyond genomics: understanding exposotypes through metabolomics. Human genomics, 12(1), 4.

van Rijswijk M, et al. (2017) The future of metabolomics in ELIXIR. F1000Research, 6.

Ferreira JD, et al. (2017) Assessing Public Metabolomics Metadata, Towards Improving Quality. Journal of integrative bioinformatics, 14(4).

Cvijovic M, et al. (2016) Strategies for structuring interdisciplinary education in Systems Biology: an European perspective. NPJ systems biology and applications, 2, 16011.

Warren DA, et al. (1998) Schedule-controlled operant behavior of rats during 1,1,1-trichloroethane inhalation: relationship to blood and brain solvent concentrations. Neurotoxicology and teratology, 20(2), 143.