Resource Summary Report

Generated by SPARC SAWG on Jul 28, 2026

BioParadigms

RRID:SCR_015494
Type: Tool

Proper Citation

BioParadigms (RRID:SCR_015494)

Resource Information

URL: http://www.bioparadigms.org/

Proper Citation: BioParadigms (RRID:SCR_015494)

Description: Web-based transporter resource that provides access to the TransCure interdisciplinary research network, the Genomic Transporter Database, and the Biomedical Transporter Conferences page.

Synonyms: Bioparadigms

Resource Type: portal, data or information resource

Keywords: membrane transporter, membrane transporter portal

Resource Name: BioParadigms

Resource ID: SCR_015494

Record Creation Time: 20220129T080326+0000

Record Last Update: 20260725T191052+0000

Ratings and Alerts

No rating or validation information has been found for BioParadigms.

No alerts have been found for BioParadigms.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Fradkin T, et al. (2025) A data-mining analysis of host solute carrier family proteins in SARS-CoV-2 infection with reference to brain endothelial cells and the blood-brain barrier in COVID-19. Frontiers in neurology, 16, 1563040.

Morin G, et al. (2024) Precision formulation, a new concept to improve dietary amino acid absorption based on the study of cationic amino acid transporters. iScience, 27(2), 108894.

Hushmandi K, et al. (2024) Amino acid transporters within the solute carrier superfamily: Underappreciated proteins and novel opportunities for cancer therapy. Molecular metabolism, 84, 101952.

Du C, et al. (2023) Neutral amino acid transporter SLC38A2 protects renal medulla from hyperosmolarity-induced ferroptosis. eLife, 12.

Wang Y, et al. (2023) Comprehensive analysis of transcriptome data and experimental identification show that solute carrier 35 member A2 (SLC35A2) is a prognostic marker of colorectal cancer. Aging, 15(20), 11554.

Saint-Criq V, et al. (2021) Extracellular phosphate enhances the function of F508del-CFTR rescued by CFTR correctors. Journal of cystic fibrosis : official journal of the European Cystic Fibrosis Society, 20(5), 843.

Ellingsen S, et al. (2021) The zebrafish cationic amino acid transporter/glycoprotein-associated family: sequence and spatiotemporal distribution during development of the transport system b0,+ (slc3a1/slc7a9). Fish physiology and biochemistry, 47(5), 1507.

Busslinger GA, et al. (2021) Human gastrointestinal epithelia of the esophagus, stomach, and duodenum resolved at single-cell resolution. Cell reports, 34(10), 108819.

Drew D, et al. (2021) Structures and General Transport Mechanisms by the Major Facilitator Superfamily (MFS). Chemical reviews, 121(9), 5289.

Dvorak V, et al. (2021) An Overview of Cell-Based Assay Platforms for the Solute Carrier Family of Transporters. Frontiers in pharmacology, 12, 722889.

Ellingsen S, et al. (2020) Sequence analysis and spatiotemporal developmental distribution of the Cat-1-type transporter slc7a1a in zebrafish (Danio rerio). Fish physiology and biochemistry, 46(6), 2281.

Meixner E, et al. (2020) A substrate-based ontology for human solute carriers. Molecular systems biology, 16(7), e9652.

Denecke S, et al. (2020) A transcriptomic and proteomic atlas of expression in the Nezara viridula (Heteroptera: Pentatomidae) midgut suggests the compartmentalization of xenobiotic metabolism and nutrient digestion. BMC genomics, 21(1), 129.

Vacca F, et al. (2019) The peptide transporter 1a of the zebrafish Danio rerio, an emerging model in nutrigenomics and nutrition research: molecular characterization, functional properties, and expression analysis. Genes & nutrition, 14, 33.

Higuchi A, et al. (2018) iMusta4SLC: Database for the structural property and variations of solute carrier transporters. Biophysics and physicobiology, 15, 94.

Edwards N, et al. (2018) Resculpting the binding pocket of APC superfamily LeuT-fold amino acid transporters. Cellular and molecular life sciences : CMLS, 75(5), 921.

Abrams AJ, et al. (2015) Mutations in SLC25A46, encoding a UGO1-like protein, cause an optic atrophy spectrum disorder. Nature genetics, 47(8), 926.

Romano A, et al. (2014) Teleost fish models in membrane transport research: the PEPT1(SLC15A1) H+-oligopeptide transporter as a case study. The Journal of physiology, 592(5), 881.

Hediger MA, et al. (2013) The ABCs of membrane transporters in health and disease (SLC series): introduction. Molecular aspects of medicine, 34(2-3), 95.

Thwaites DT, et al. (2011) The SLC36 family of proton-coupled amino acid transporters and their potential role in drug transport. British journal of pharmacology, 164(7), 1802.