Resource Summary Report

Generated by NIF on Apr 17, 2025

Blood Exposome Database

RRID:SCR_017610
Type: Tool

Proper Citation

Blood Exposome Database (RRID:SCR_017610)

Resource Information

URL: http://bloodexposome.org

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Description: Collection of chemical compounds and associated information that were automatically extracted by text mining content of PubMed and PubChem databases. Unifies chemical lists from metabolomics, systems biology, environmental epidemiology, occupational expossure, toxiology and nutrition fields.

Synonyms: The Blood Exposome Database, exposome

Resource Type: database, data or information resource

Defining Citation: PMID:31557052

Keywords: Chemical, compound, collection, extracted, text, mining, PubMed chemical compounds list, PubChem chemical compounds list, bio.tools

Funding: NIAID U54 AI138370;
NIA U19 AG023122;
NIEHS U2C ES030158

Availability: Free, Available for download, Freely available

Resource Name: Blood Exposome Database

Resource ID: SCR_017610

Alternate IDs: biotools:blood-exposome-db

Alternate URLs: https://github.com/barupal/exposome, https://bio.tools/blood-exposome-db

Record Creation Time: 20220129T080336+0000

Record Last Update: 20250412T060135+0000

Ratings and Alerts

No rating or validation information has been found for Blood Exposome Database.

No alerts have been found for Blood Exposome Database.

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.

Ji X, et al. (2024) Insights into the Chemical Exposome during Pregnancy: A Non-Targeted Analysis of Preterm and Term Births. Environmental science & technology, 58(47), 20883.

Ma T, et al. (2023) Probiotics alleviate constipation and inflammation in late gestating and lactating sows. NPJ biofilms and microbiomes, 9(1), 70.

Gao P, et al. (2022) Precision environmental health monitoring by longitudinal exposome and multi-omics profiling. Genome research, 32(6), 1199.

Zhao F, et al. (2021) Risk-Based Chemical Ranking and Generating a Prioritized Human Exposome Database. Environmental health perspectives, 129(4), 47014.

Nemkov T, et al. (2021) Blood donor exposome and impact of common drugs on red blood cell metabolism. JCI insight, 6(3).

Liu A, et al. (2021) Adjunctive Probiotics Alleviates Asthmatic Symptoms via Modulating the Gut Microbiome and Serum Metabolome. Microbiology spectrum, 9(2), e0085921.

Barupal DK, et al. (2019) Generating the Blood Exposome Database Using a Comprehensive Text Mining and Database Fusion Approach. Environmental health perspectives, 127(9), 97008.