Resource Summary Report

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The Immunology Database and Analysis Portal (ImmPort)

RRID:SCR_012804
Type: Tool

Proper Citation

The Immunology Database and Analysis Portal (ImmPort) (RRID:SCR_012804)

Resource Information

URL: https://www.immport.org/home

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Description: Data sharing repository of clinical trials, associated mechanistic studies, and other basic and applied immunology research programs. Platform to store, analyze, and exchange datasets for immune mediated diseases. Data supplied by NIAID/DAIT funded investigators and genomic, proteomic, and other data relevant to research of these programs extracted from public databases. Provides data analysis tools and immunology focused ontology to advance research in basic and clinical immunology.

Abbreviations: ImmPort

Synonyms: Immunology Data and Analysis Portal, ImmPort system, ImmPort, Immunology Database and Analysis Portal

Resource Type: controlled vocabulary, data or information resource, data repository, database, disease-related portal, ontology, portal, service resource, storage service resource, topical portal

Defining Citation: PMID:24791905

Keywords: immunology, basic, clinical, data, share, store, analyze, exchange, dataset, immune, mediated, disease, analysis, tool, FASEB list

Related Condition: Immune mediated disease

Funding: DAIT ;
NIAID ;
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NIH

Resource Name: The Immunology Database and Analysis Portal (ImmPort)

Resource ID: SCR_012804

Alternate IDs: nlx_152691, r3d100012529

Alternate URLs: http://www.immport.org/immport-open/public/home/home, http://www.immport.org/

Old URLs: http://www.immport.org

License URLs: http://www.immport.org/immport-open/public/home/studySearch, http://www.immport.org/immport-open/public/home/dataSubmission

Record Creation Time: 20220129T080312+0000

Record Last Update: 20260903T235153+0000

Ratings and Alerts

No rating or validation information has been found for The Immunology Database and Analysis Portal (ImmPort).

No alerts have been found for The Immunology Database and Analysis Portal (ImmPort).

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1383 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Li M, et al. (2026) ITPG: an immune-related transcriptomic predictive model for gastric cancer prognosis. Translational cancer research, 15(2), 125.

Dai H, et al. (2026) Integrating single-cell multi-omics and machine learning to reveal triaptosis heterogeneity in clear cell renal cell carcinoma. Human genomics, 20(1).

He ZN, et al. (2026) Shuangshen granules enhance anti-PD1 therapy effectiveness in lung adenocarcinoma by modulating myeloid-derived suppressor cell-induced T cell exhaustion. Chinese medicine, 21(1).

Wu Y, et al. (2026) Comprehensive molecular characterization identifies therapeutic vulnerabilities in ovarian clear cell carcinoma. Genome medicine, 18(1).

Fu Z, et al. (2026) A diagnostic model based on pulmonary microbiota and host gene expression to distinguish colonization from pneumonia. Scientific reports, 16(1).

Richardson RA, et al. (2026) Delineation of the antibody light chain biases and kinetics following primary and secondary influenza virus infections of ferrets. ImmunoHorizons, 10(1).

Wang Y, et al. (2026) Ozone Exposure Induces Anemia via Immune-Inflammatory Disruption of Erythroid Homeostasis. Environment & health (Washington, D.C.), 4(2), 301.

Zhu J, et al. (2026) RETN and BMP2 as potential biomarkers for prognosis and immune landscape in lung squamous cell carcinoma: from bioinformatics to clinical validation. Scientific reports, 16(1).

Liu Q, et al. (2026) Integrated Bioinformatic Identification and Experimental Validation Reveal That Aging Exacerbates ARDS Through MAPK14/ADM/MAPK8 Axis. Journal of inflammation research, 19, 573372.

Deng J, et al. (2026) Construction of immune related genes predictive models of elderly rectal cancer patients based on machine learning. Discover oncology, 17(1).

Olive ME, et al. (2026) Inhibitory NK receptor expression associates with altered antimalarial function of ?? T cells. PLoS pathogens, 22(2), e1013460.

Zhang R, et al. (2026) Exploration of potential biomarkers in salivary duct carcinoma based on bioinformatics analysis. Scientific reports, 16(1), 5525.

Shi M, et al. (2026) Identifying Crucial Genes Associated with Pyroptosis in Lupus Nephritis. Inflammation, 49(1), 51.

Gao C, et al. (2026) Identification of novel circulating protein biomarkers for hepatocellular carcinoma superior to alpha-fetoprotein through a stemness index and secretome analysis. World journal of surgical oncology, 24(1).

Larrea-Sebal A, et al. (2026) Blood proteomics: insights from public data. Genome biology, 27(1).

Zhang X, et al. (2026) Development and validation of a comprehensive immune-related gene signature for prognostic stratification in stage I lung adenocarcinoma. BMC pulmonary medicine, 26(1).

Wu D, et al. (2026) Integrative single-cell and spatial transcriptomics analysis reveals a baicalein-responsive 10-gene signature for non-small cell lung cancer. Translational oncology, 70, 102853.

Steinmetz TD, et al. (2026) Development, validation, and implementation of the antibody-secreting cell maturity index: Universal prediction of human plasma cell maturity. iScience, 29(6), 116050.

Levan J, et al. (2026) Congenital cytomegalovirus infection drives oligoclonal expansion of cytotoxic ?? T cells from early fetal progenitors. Journal of immunology (Baltimore, Md. : 1950), 215(6).

Chen Z, et al. (2026) Systematic dysregulation of immune-related alternative polyadenylation in systemic lupus erythematosus contributes to patient stratification. Journal of translational autoimmunity, 12, 100378.