Resource Summary Report

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University of Pennsylvania Perelman School of Medicine Human Immunology Core Facility

RRID:SCR_022380
Type: Tool

Proper Citation

University of Pennsylvania Perelman School of Medicine Human Immunology Core Facility (RRID:SCR_022380)

Resource Information

URL: https://pathbio.med.upenn.edu/hic/site/

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Description: Core provides wet bench expertise and infrastructure support for early phase?clinical trials and other investigations. Offers purified cell subsets from healthy human apheresis donors. ?HIC staff are qualified to?perform blood (PBMC)?and tissue processing for viable cryopreservation following validated?standard operating procedures. Offers?range of immunological assays including digital ELISA, ELISA, ELISPOT, Luminex, flow cytometry and immune repertoire profiling (NGS of BCR and TCR rearrangements in bulk and single cell formats).Offers investigators expertise and guidance in clinical trial sample processing, regulatory compliance, immunology assay design and validation, data analysis and grant writing support.

Abbreviations: HIC

Synonyms: University of Pennsylvania Perelman School of Medicine Human Immunology Core (HIC), Human Immunology Core (HIC)

Resource Type: access service resource, core facility, service resource

Keywords: USEDit, ABRF

Resource Name: University of Pennsylvania Perelman School of Medicine Human Immunology Core Facility

Resource ID: SCR_022380

Alternate IDs: ARBF_1383

Alternate URLs: https://coremarketplace.org?citation=1&FacilityID=1383

Record Creation Time: 20220602T050140+0000

Record Last Update: 20260821T194226+0000

Ratings and Alerts

No rating or validation information has been found for University of Pennsylvania Perelman School of Medicine Human Immunology Core Facility.

No alerts have been found for University of Pennsylvania Perelman School of Medicine Human Immunology Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 75 mentions in open access literature.

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

Blackson W, et al. (2026) A generalizable system for antigenic peptide targeting across HLA-I allotypes. bioRxiv : the preprint server for biology.

Weissman S, et al. (2026) Clonal dynamics of HIV-infected and uninfected T cells. EBioMedicine, 126, 106163.

Haggadone MD, et al. (2026) Environmental Amino Acid Sensing Regulates the Rate of ASC Translation and NLRP3 Inflammasome Assembly. bioRxiv : the preprint server for biology.

McCuaig S, et al. (2026) Damaged glomeruli in proliferative pediatric lupus nephritis exhibit a C5a-C5aR1 induced fibrotic transcriptional program. bioRxiv : the preprint server for biology.

Kulkarni M, et al. (2026) Human non-canonical inflammasomes activate CASP3 to limit intracellular Salmonella replication in macrophages. PLoS pathogens, 22(4), e1014178.

Waldman AT, et al. (2026) Characterization of Clinical Phenotype to Glial Fibrillary Acidic Protein Concentrations in Alexander Disease. Annals of clinical and translational neurology.

Delcy SAS, et al. (2026) Microglia depletion improves hippocampal circuit function after mild traumatic brain injury in male mice. Brain, behavior, and immunity, 131, 106178.

Liu Y, et al. (2026) Therapeutic scheduling of WEE1 inhibition preserves T cell function and promotes immune control of HPV+ tumors. bioRxiv : the preprint server for biology.

Deng MZ, et al. (2026) Cell-derived Nanoparticles Provide a Robust Platform to Manufacture Therapeutic T cells. Research square.

Teran Pumar OY, et al. (2026) Pharmacologic DPP-4 inhibition promotes CD8+ T cell metabolic fitness to enhance anti-tumor activity. bioRxiv : the preprint server for biology.

Frazee CS, et al. (2026) Fate induction through asymmetric T cell division is modulated by chimeric antigen receptor costimulatory domains. Nature immunology, 27(7), 1433.

Yang SJ, et al. (2026) Microfluidic nanomagnetically isolated neuron- and astrocyte-derived extracellular vesicles to differentiate Lewy body and Alzheimer's disease. Npj biosensing, 3(1), 19.

Chen YC, et al. (2026) Mechanical licensing of functional dendritic cell states for enhanced T cell priming. bioRxiv : the preprint server for biology.

Mukalel AJ, et al. (2026) Bioinspired oxidized mRNA lipid nanoparticles for ex vivo engineering of chimeric antigen receptor macrophages targeting solid tumors. Bioengineering & translational medicine, 11(3), e70138.

Ma J, et al. (2026) JQKD82 Inhibits HIV Infection of Macrophages Through Blocking Viral Entry and Enhancing Antiviral ISG Responses. Journal of medical virology, 98(7), e71043.

Jia S, et al. (2026) Synergistic immunomodulatory combinations induce robust human tolerogenic dendritic cells for antigen-specific regulatory T cell generation. The Journal of pharmacology and experimental therapeutics, 393(6), 104899.

Bhojnagarwala PS, et al. (2026) Efficient in vivo assembly of DNA encoded polyvalent BTEs for dual antigen targeting for broadening therapeutic impact in ovarian cancer. Molecular therapy : the journal of the American Society of Gene Therapy.

Mao X, et al. (2026) Differential Contributions of IgM and IgG Autoantibodies to Serologic IA2 Reactivity in Type 1 Diabetes. Biomolecules, 16(4).

Tebas P, et al. (2026) Clinical Trial Results Provide the Rationale to Protect Dual HIV-specific T Cells with a Signaling-Defective HIV Fusion Inhibitor. Molecular therapy : the journal of the American Society of Gene Therapy.

O'Farrell A, et al. (2026) Human macrophages encode stimulus-specific information of prior exposures through trained immunity. Cell systems, 17(7), 101647.