

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

National Center for Advancing Translational Sciences

RRID:SCR_012857

Type: Tool

Proper Citation

National Center for Advancing Translational Sciences (RRID:SCR_012857)

Resource Information

URL: <http://ncats.nih.gov/>

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Description: The National Institutes of Health (NIH) has established a new center, called the National Center for Advancing Translational Sciences (NCATS). Currently, many costly, time-consuming bottlenecks exist in the translational pipeline. Working in partnership with the public and private sectors, the Center will develop innovative ways to reduce, remove or bypass these bottlenecks. This will speed the delivery of new drugs, diagnostics and medical devices to patients. The mission of the National Center for Advancing Translational Sciences is to catalyze the generation of innovative methods and technologies that will enhance the development, testing, and implementation of diagnostics and therapeutics across a wide range of human diseases and conditions. NCATS is formed primarily by uniting and realigning existing NIH programs that play key roles in translational science. The Center will not be a drug development company, but will focus on using science to create powerful new tools and technologies that can be adopted widely by translational researchers in all sectors.

Abbreviations: NCATS

Resource Type: institution

Resource Name: National Center for Advancing Translational Sciences

Resource ID: SCR_012857

Alternate IDs: Wikidata: Q16932123, grid.429651.d, ISNI: 0000 0004 3497 6087, Crossref funder ID: 100006108, nlx_144273

Alternate URLs: <https://ror.org/04pw6fb54>

Record Creation Time: 20220129T080312+0000

Record Last Update: 20260725T190738+0000

Ratings and Alerts

No rating or validation information has been found for National Center for Advancing Translational Sciences.

No alerts have been found for National Center for Advancing Translational Sciences.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 123 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Zhang Y, et al. (2025) Ultrastructural characterization of white adipocytes in a mouse model with enhanced sequestration of fatty acids in adipose tissue. *Adipocyte*, 14(1), 2531829.

Hill CM, et al. (2025) Associations between neighborhood social capital, oral health risk factors, and tooth decay among Medicaid-enrolled adolescents: A hypothesis-generating preliminary study. *PloS one*, 20(8), e0329830.

Guarnaccia AM, et al. (2025) Structure-function studies of *Vibrio cholerae* quorum-sensing receptor CqsR signal recognition. *PLoS pathogens*, 21(9), e1013447.

Mueller MK, et al. (2025) Longitudinal idiographic assessment of adolescent-dog relationships and adaptive coping for youth with social anxiety: The Teen & Dog Study protocol. *PloS one*, 20(10), e0333190.

Osborn RM, et al. (2025) Single-cell analysis of lung epithelial cells reveals age and cell population-specific responses to SARS-CoV-2 infection in ciliated cells. *Clinical and experimental immunology*, 219(1).

Lika J, et al. (2025) Mitochondrial metabolism is rapidly re-activated in mature neutrophils to support stimulation-induced response. *bioRxiv : the preprint server for biology*.

Van Pelt AE, et al. (2025) Crowdsourcing Ideas for the Implementation of Long-Acting Injectable PrEP among Sexual Minority Men in Chicago through an Innovation Tournament. *Implementation science communications*, 6(1), 65.

Lika J, et al. (2025) Mitochondrial metabolism is rapidly re-activated in mature neutrophils to support stimulation-induced response. *Frontiers in immunology*, 16, 1572927.

Dede AJO, et al. (2025) Episodic memory involves transient and sparse connectivity aligned to both internal and external events. *PLoS biology*, 23(11), e3003481.

Wang P, et al. (2025) Long-term drought and risk of infant mortality in Africa: A cross-sectional study. *PLoS medicine*, 22(1), e1004516.

Raiten DJ, et al. (2025) The Value of Integrating the Nutritional Ecology into the Nutrition Care Continuum-A Conceptual and Systems Approach. *Advances in nutrition (Bethesda, Md.)*, 16(3), 100385.

Scott A, et al. (2025) Occupational Health and Safety Among Brazilian Immigrant Women in the United States: A Cross-Sectional Survey. *International journal of environmental research and public health*, 22(6).

Porter JM, et al. (2025) Mechanisms of AAV neutralization by human alpha-defensins. *PLoS pathogens*, 21(7), e1013283.

Ursery L, et al. (2025) Enhanced surveillance for tick-borne rickettsiosis and ehrlichiosis in North Carolina: Protocol and preliminary results. *PloS one*, 20(5), e0320361.

Smith EMR, et al. (2025) Developing a stakeholder-informed social responsibility model for translational science. *PloS one*, 20(6), e0320956.

Vukmirovic M, et al. (2024) Challenges and Opportunities for Commercializing Technologies in the Pulmonary Arena: An Official American Thoracic Society Report. *Annals of the American Thoracic Society*, 21(1), 1.

Farooqui J, et al. (2024) The effects of neuron morphology and spatial distribution on the selectivity of dorsal root ganglion stimulation. *Journal of neural engineering*, 21(5).

Greaney ML, et al. (2024) Pap test recency and HPV vaccination among Brazilian immigrant women in the United States: a cross-sectional study. *BMC public health*, 24(1), 1954.

Ammanamanchi N, et al. (2024) Elimination of ¹⁵N-thymidine after oral administration in human infants. *PloS one*, 19(1), e0295651.

Broshkevitch CJ, et al. (2024) Enhanced cervical cancer and HIV interventions reduce the disproportionate burden of cervical cancer cases among women living with HIV: A modeling analysis. *PloS one*, 19(5), e0301997.