# Resource Summary Report

Generated by PRECISE-TBI on Aug 3, 2026

## National Institute of Arthritis and Musculoskeletal and Skin Diseases

RRID:SCR_012715
Type: Tool

### Proper Citation

National Institute of Arthritis and Musculoskeletal and Skin Diseases (RRID:SCR_012715)

### Resource Information

**URL:** http://www.niams.nih.gov/

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**Description:** Established in 1986, the National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS) was established in 1986. The mission of the NIAMS is to support research into the causes, treatment, and prevention of arthritis and musculoskeletal and skin diseases; the training of basic and clinical scientists to carry out this research; and the dissemination of information on research progress in these diseases. The Institute also conducts and supports basic research on the normal structure and function of bones, joints, muscles, and skin. Basic research involves a wide variety of scientific disciplines, including immunology, genetics, molecular biology, structural biology, biochemistry, physiology, virology, and pharmacology. Clinical research includes rheumatology, orthopaedics, dermatology, metabolic bone diseases, heritable disorders of bone and cartilage, inherited and inflammatory muscle diseases, and sports and rehabilitation medicine.

**Abbreviations:** NIAMS

**Synonyms:** National Institute of Arthritis and Musculoskeletal and Skin Diseases

**Resource Type:** institution

**Resource Name:** National Institute of Arthritis and Musculoskeletal and Skin Diseases

**Resource ID:** SCR_012715

**Alternate IDs:** nlx_inv_1005101, Wikidata: Q6973606, grid.420086.8, ISNI: 0000 0001 2237 2479, Crossref funder ID: 100000069

**Alternate URLs:** https://ror.org/006zn3t30

**Record Creation Time:** 20220129T080311+0000

**Record Last Update:** 20260801T190450+0000

## Ratings and Alerts

No rating or validation information has been found for National Institute of Arthritis and Musculoskeletal and Skin Diseases.

No alerts have been found for National Institute of Arthritis and Musculoskeletal and Skin Diseases.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 64 mentions in open access literature.

**Listed below are recent publications.** The full list is available at PRECISE-TBI .

Vabishchevich V, et al. (2026) Markers of clinical and mitochondrial adaptation in response to moderate intensity continuous training: A systematic review and meta-analysis. PloS one, 21(1), e0339902.

Jones SC, et al. (2025) Challenges in Disseminating Evidence-Based Health Promotion Programs in Faith Community Settings: What We Need to Include. Health promotion practice, 26(3), 579.

Loveday EK, et al. (2025) Starve a cold or feed a fever? Identifying cellular metabolic changes following infection and exposure to SARS-CoV-2. PloS one, 20(2), e0305065.

Grimmett ZW, et al. (2025) The denitrosylase SCoR2 controls cardioprotective metabolic reprogramming. eLife, 14.

Akinosho A, et al. (2025) Independent validation of transgenerational inheritance of learned pathogen avoidance in Caenorhabditis elegans. eLife, 14.

Hargrave AS, et al. (2024) In their own words: Perspectives of IPV survivors on obtaining support within the healthcare system. PloS one, 19(9), e0310043.

Belyaeva OV, et al. (2024) The retinoid X receptor has a critical role in synthetic rexinoid-induced increase in cellular all-trans-retinoic acid. PloS one, 19(4), e0301447.

Dean WF, et al. (2024) OOPS: Object-Oriented Polarization Software for analysis of fluorescence polarization microscopy images. PLoS computational biology, 20(8), e1011723.

Garrett TJ, et al. (2023) Effect of statin treatment on metabolites, lipids and prostanoids in patients with Statin Associated Muscle Symptoms (SAMS). PloS one, 18(12), e0294498.

Robinson LJ, et al. (2023) The calcium channel Orai1 is required for osteoblast development: Studies in a chimeric mouse with variable in vivo Runx-cre deletion of Orai-1. PloS one, 18(5), e0264596.

Danielson LS, et al. (2023) MiR-130b modulates the invasive, migratory, and metastatic behavior of leiomyosarcoma. PloS one, 18(1), e0278844.

Harrison LE, et al. (2022) Agile development of a digital exposure treatment for youth with chronic musculoskeletal pain: protocol of a user-centred design approach and examination of feasibility and preliminary efficacy. BMJ open, 12(9), e065997.

Piekos SN, et al. (2021) Biomedical Data Commons (BMDC) prioritizes B-lymphocyte non-coding genetic variants in Type 1 Diabetes. PLoS computational biology, 17(9), e1009382.

Chan LN, et al. (2021) The epidemiology of atopic dermatitis in older adults: A population-based study in the United Kingdom. PloS one, 16(10), e0258219.

Hanson MK, et al. (2021) Phlpp1 is induced by estrogen in osteoclasts and its loss in Ctsk-expressing cells does not protect against ovariectomy-induced bone loss. PloS one, 16(6), e0251732.

Zhang J, et al. (2021) Platelet HMGB1 in Platelet-Rich Plasma (PRP) promotes tendon wound healing. PloS one, 16(9), e0251166.

Adhikari A, et al. (2021) Myogenin is required for assembly of the transcription machinery on muscle genes during skeletal muscle differentiation. PloS one, 16(1), e0245618.

Roelker SA, et al. (2021) Effects of age and knee osteoarthritis on the modular control of walking: A pilot study. PloS one, 16(12), e0261862.

Samelko L, et al. (2021) Metal-induced delayed type hypersensitivity responses potentiate particle induced osteolysis in a sex and age dependent manner. PloS one, 16(5), e0251885.

Ayturk UM, et al. (2020) Proteolysis and cartilage development are activated in the synovium after surgical induction of post traumatic osteoarthritis. PloS one, 15(2), e0229449.