

Resource Summary Report

Generated by [NIF](#) on Aug 28, 2026

Shanghai Model Organisms Center

RRID:SCR_016407

Type: Tool

Proper Citation

Shanghai Model Organisms Center (RRID:SCR_016407)

Resource Information

URL: <https://www.modelorg.bio/>

Proper Citation: Shanghai Model Organisms Center (RRID:SCR_016407)

Description: Global biotechnology company based in Shanghai, China, specializing in custom model organisms, humanized and immunodeficient mice, and gene-editing services for preclinical research. Alternatively, in molecular biology, it can refer to knockout or mutant mice lacking the Smoc1 or Smoc2 genes (secreted modular calcium-binding proteins) used to study embryonic, eye, and limb development. Supplier of mice for research purposes. Provides technical services, model organisms, gene editing and decoding.

Abbreviations: SMOC

Synonyms: Shanghai Model Organisms Center, Inc. SMOC Shanghai Model Organisms Center, Shanghai Model, Shanghai Model Center, Shanghai Model Organism Center

Resource Type: biomaterial supply resource, commercial organization, material resource, organism supplier

Keywords: RIN, Resource Information Network, Shanghai Model Organisms Center Inc., mouse, strain, supply, research, repository, subject, genetic engineering, knockout, mice, gene, model, RRID Community Authority

Resource Name: Shanghai Model Organisms Center

Resource ID: SCR_016407

Old URLs: <http://www.shmo.com.cn/English/>, <https://www.modelorg.com/en/>, <https://www.modelorg.com/>

Record Creation Time: 20220129T080330+0000

Record Last Update: 20260821T194048+0000

Ratings and Alerts

No rating or validation information has been found for Shanghai Model Organisms Center.

No alerts have been found for Shanghai Model Organisms Center.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Zhang X, et al. (2025) Multi-omics analysis of potential metabolic networks linking peripheral metabolic changes to inflammatory retinal conditions in STZ-induced early diabetic retinopathy. Biochemistry and biophysics reports, 43, 102182.

Shi J, et al. (2023) Selenium Donor Inhibited Hepatitis B Virus Associated Hepatotoxicity via the Apoptosis and Ferroptosis Pathways. Analytical cellular pathology (Amsterdam), 2023, 6681065.