

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

ShARM

RRID:SCR_003120

Type: Tool

Proper Citation

ShARM (RRID:SCR_003120)

Resource Information

URL: <http://www.sharmuk.org/>

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Description: A not for profit organization to accelerate research into aging by sharing resources: providing access to cost and time effective, aged murine tissue through a biorepository and database of live ageing colonies, as well as promoting the networking of researchers and dissemination of knowledge through its online collaborative environment; MiCEPACE. ShARM will provide valuable resources for the scientific community while helping to reduce the number of animals used in vital research into aging. The biobank of tissue and networking facility will enable scientists to access shared research material and data. By making use of collective resources, the number of individual animals required in research experiments can be minimized. The project also has the added value of helping to reduce the costs of research by connecting scientists, pooling resource and combining knowledge. ShARM works in partnership with MRC Harwell and the Centre for Integrated Research into Musculoskeletal Ageing (CIMA).

Abbreviations: ShARM

Synonyms: Shard Ageing Research Models

Resource Type: biomaterial supply resource, material resource, tissue bank

Defining Citation: [PMID:24085518](#)

Keywords: data sharing, female, male, gut, heart, kidney, livers, lung, mammary fat, muscle, pancreas, bat, bladder, bone, brain, femur, skin, spleen, thymus, tibia, wat, aged tissue, aged mouse, murine model

Related Condition: Aging, Control, Young control

Funding: Wellcome Trust

Availability: Free, Freely available

Resource Name: ShARM

Resource ID: SCR_003120

Alternate IDs: nlx_156767

Record Creation Time: 20220129T080217+0000

Record Last Update: 20260808T190355+0000

Ratings and Alerts

No rating or validation information has been found for ShARM.

No alerts have been found for ShARM.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Zhong T, et al. (2022) Longitudinal brain atlases of early developing cynomolgus macaques from birth to 48 months of age. *NeuroImage*, 247, 118799.

Mori H, et al. (2018) Aging Mouse Models Reveal Complex Tumor-Microenvironment Interactions in Cancer Progression. *Frontiers in cell and developmental biology*, 6, 35.

Morrissey B, et al. (2017) The Sharing Experimental Animal Resources, Coordinating Holdings (SEARCH) Framework: Encouraging Reduction, Replacement, and Refinement in Animal Research. *PLoS biology*, 15(1), e2000719.

Wells SE, et al. (2016) Building for the future: essential infrastructure for rodent ageing studies. *Mammalian genome : official journal of the International Mammalian Genome Society*, 27(7-8), 440.