

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

Mios^{tm1e(EUCOMM)Wtsi}

RRID:IMSR_EUMMCR:494

Type: Organism

Proper Citation

RRID:IMSR_EUMMCR:494

Organism Information

URL:

Proper Citation: RRID:IMSR_EUMMCR:494

Description: Mus musculus with name Mios^{tm1e(EUCOMM)Wtsi} from IMSR.

Species: Mus musculus

Notes: gene symbol note: meiosis regulator for oocyte development; mutant strain: Mios

Affected Gene: meiosis regulator for oocyte development

Genomic Alteration: targeted mutation 1e; Wellcome Trust Sanger Institute

Catalog Number: EUMMCR:494

Database: European Mouse Mutant Cell Repository

Database Abbreviation: EuMMCR

Availability: ES Cell

Organism Name: Mios^{tm1e(EUCOMM)Wtsi}

Record Creation Time: 20250513T061806+0000

Record Last Update: 20260725T052510+0000

Ratings and Alerts

No rating or validation information has been found for Mios^{tm1e(EUCOMM)Wtsi}.

No alerts have been found for Mios^{tm1e(EUCOMM)Wtsi}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Cell Repository

Usage and Citation Metrics

We found 97 mentions in open access literature.

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

Braun LM, et al. (2025) Adiponectin reduces immune checkpoint inhibitor-induced inflammation without blocking anti-tumor immunity. *Cancer cell*, 43(2), 269.

Amorós-Pérez M, et al. (2025) Lamin A/C Expression in Hematopoietic Cells Declines During Human Aging and Constrains Atherosclerosis in Mice. *Arteriosclerosis, thrombosis, and vascular biology*, 45(9), 1616.

Braun LM, et al. (2025) Protocol to study in vivo organ-specific migration of apoptotic splenocytes in mice with tumor and immune checkpoint inhibitor-induced colitis. *STAR protocols*, 6(2), 103878.

Braun LM, et al. (2025) Protocol to study phagocytosis of apoptotic murine splenocytes by syngeneic antigen-presenting cells in vitro. *STAR protocols*, 6(3), 103903.

Morino-Koga S, et al. (2024) Transition of signal requirement in hematopoietic stem cell development from hemogenic endothelial cells. *Proceedings of the National Academy of Sciences of the United States of America*, 121(31), e2404193121.

Dong H, et al. (2024) Targeting PRMT9-mediated arginine methylation suppresses cancer stem cell maintenance and elicits cGAS-mediated anticancer immunity. *Nature cancer*, 5(4), 601.

Xie X, et al. (2023) Dose-dependent effect of GFI1 expression in the reconstitution and the differentiation capacity of HSCs. *Frontiers in cell and developmental biology*, 11, 866847.

Harris R, et al. (2023) TCF-1 regulates NKG2D expression on CD8 T cells during anti-tumor responses. *Cancer immunology, immunotherapy : CII*, 72(6), 1581.

Lyons-Cohen MR, et al. (2023) Prolonged T cell - DC macro-clustering within lymph node microenvironments initiates Th2 cell differentiation in a site-specific manner. *bioRxiv : the preprint server for biology*.

Zani F, et al. (2023) The dietary sweetener sucralose is a negative modulator of T cell-mediated responses. *Nature*, 615(7953), 705.

Sawaki D, et al. (2023) Osteopontin promotes age-related adipose tissue remodeling through senescence-associated macrophage dysfunction. *JCI insight*, 8(8).

Bailey C, et al. (2023) Genetic and pharmaceutical targeting of HIF1 α allows combo-immunotherapy to boost graft vs. leukemia without exacerbation graft vs. host disease. *Cell reports. Medicine*, 4(11), 101236.

Skokowa J, et al. (2022) A topological refactoring design strategy yields highly stable granulopoietic proteins. *Nature communications*, 13(1), 2948.

Mudalagiriappa S, et al. (2022) GM-CSF+ Tc17 cells are required to bolster vaccine immunity against lethal fungal pneumonia without causing overt pathology. *Cell reports*, 41(4), 111543.

Pylaeva E, et al. (2022) During early stages of cancer, neutrophils initiate anti-tumor immune responses in tumor-draining lymph nodes. *Cell reports*, 40(7), 111171.

Douna H, et al. (2022) IFN γ -Stimulated B Cells Inhibit T Follicular Helper Cells and Protect Against Atherosclerosis. *Frontiers in cardiovascular medicine*, 9, 781436.

Bittner S, et al. (2022) Biosensors for inflammation as a strategy to engineer regulatory T cells for cell therapy. *Proceedings of the National Academy of Sciences of the United States of America*, 119(40), e2208436119.

Valeri V, et al. (2022) B cell intrinsic and extrinsic factors impacting memory recall responses to SRBC challenge. *Frontiers in immunology*, 13, 873886.

Melo-Silva CR, et al. (2022) Interferon partly dictates a divergent transcriptional response in poxvirus-infected and bystander inflammatory monocytes. *Cell reports*, 41(8), 111676.

Rose P, et al. (2022) Anti-Gr-1 Antibody Provides Short-Term Depletion of MDSC in Lymphodepleted Mice with Active-Specific Melanoma Therapy. *Vaccines*, 10(4).