

# Resource Summary Report

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## Texas A and M Health Science Center MSC Distribution

RRID:SCR\_005522

Type: Tool

### Proper Citation

Texas A and M Health Science Center MSC Distribution (RRID:SCR\_005522)

### Resource Information

**URL:** <http://medicine.tamhsc.edu/irm/msc-distribution.html>

**Proper Citation:** Texas A and M Health Science Center MSC Distribution (RRID:SCR\_005522)

**Description:** THIS RESOURCE IS NO LONGER IN SERVICE. Documented on October 29,2025. Center for cell line distribution and stock at Texas A&M Health Science Center College of Medicine Institute for Regenerative Medicine. Scott & White have received a grant funded by the NIH to provide well-characterized human adult stem cells, rat stem cells, and mouse stem cells to academic researchers worldwide upon request.

**Abbreviations:** Texas A&M MSC Distribution

**Synonyms:** Texas A&M Health Science Center MSC Distribution, Texas A M Health Science Center MSC Distribution, Institute for Regenerative Medicine at Scott & White MSC Distribution, Texas A&M Health Science Center College of Medicine Institute for Regenerative Medicine MSC Distribution, Adult Mesenchymal Stem Cell Resource

**Resource Type:** biomaterial supply resource, cell repository, material resource

**Keywords:** stem cell, bone marrow mesenchymal stem cell, multipotent mesenchymal stromal cell, marrow stromal cell, frozen, bone marrow, adult, adult human, adult rat, lewis rat, c57bl/6j, experimental protocol

**Funding:** NIH Office of the Director P40 OD011050

**Availability:** THIS RESOURCE IS NO LONGER IN SERVICE.

**Resource Name:** Texas A and M Health Science Center MSC Distribution

**Resource ID:** SCR\_005522

**Alternate IDs:** nlx\_144619, SCR\_013734

**Record Creation Time:** 20220129T080230+0000

**Record Last Update:** 20260801T190830+0000

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## Ratings and Alerts

No rating or validation information has been found for Texas A and M Health Science Center MSC Distribution.

No alerts have been found for Texas A and M Health Science Center MSC Distribution.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Gordon J, et al. (2023) LINC01638 Sustains Human Mesenchymal Stem Cell Self-Renewal and Competency for Osteogenic Cell Fate. Research square.

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

Yagura K, et al. (2020) The enhancement of CCL2 and CCL5 by human bone marrow-derived mesenchymal stem/stromal cells might contribute to inflammatory suppression and axonal extension after spinal cord injury. PloS one, 15(3), e0230080.

Ko JH, et al. (2020) Mesenchymal Stem and Stromal Cells Harness Macrophage-Derived Amphiregulin to Maintain Tissue Homeostasis. Cell reports, 30(11), 3806.

Guijarro MV, et al. (2020) Tsc1 Regulates the Proliferation Capacity of Bone-Marrow Derived Mesenchymal Stem Cells. Cells, 9(9).

Boland L, et al. (2018) IFN- $\gamma$  and TNF- $\alpha$  Pre-licensing Protects Mesenchymal Stromal Cells from the Pro-inflammatory Effects of Palmitate. Molecular therapy : the journal of the American Society of Gene Therapy, 26(3), 860.

Murai N, et al. (2017) Intrapancreatic injection of human bone marrow-derived mesenchymal stem/stromal cells alleviates hyperglycemia and modulates the macrophage state in streptozotocin-induced type 1 diabetic mice. PloS one, 12(10), e0186637.

Ko JH, et al. (2017) Ly6Chi monocytes are required for mesenchymal stem/stromal cell-induced immune tolerance in mice with experimental autoimmune uveitis. Biochemical and biophysical research communications, 494(1-2), 6.

Lee MJ, et al. (2017) Mesenchymal stromal cells promote B-cell lymphoma in lacrimal glands by inducing immunosuppressive microenvironment. *Oncotarget*, 8(39), 66281.

Cruz FF, et al. (2016) CD11b<sup>+</sup> and Sca-1<sup>+</sup> Cells Exert the Main Beneficial Effects of Systemically Administered Bone Marrow-Derived Mononuclear Cells in a Murine Model of Mixed Th2/Th17 Allergic Airway Inflammation. *Stem cells translational medicine*, 5(4), 488.

Kim DK, et al. (2016) Scalable Production of a Multifunctional Protein (TSG-6) That Aggregates with Itself and the CHO Cells That Synthesize It. *PloS one*, 11(1), e0147553.

Gramlich OW, et al. (2016) Cryopreserved Mesenchymal Stromal Cells Maintain Potency in a Retinal Ischemia/Reperfusion Injury Model: Toward an off-the-shelf Therapy. *Scientific reports*, 6, 26463.

Lee MJ, et al. (2015) Mesenchymal stem/stromal cells protect the ocular surface by suppressing inflammation in an experimental dry eye. *Molecular therapy : the journal of the American Society of Gene Therapy*, 23(1), 139.

Kota DJ, et al. (2014) Differential MSC activation leads to distinct mononuclear leukocyte binding mechanisms. *Scientific reports*, 4, 4565.

McFerrin HE, et al. (2014) Rapidly self-renewing human multipotent marrow stromal cells (hMSC) express sialyl Lewis X and actively adhere to arterial endothelium in a chick embryo model system. *PloS one*, 9(8), e105411.

Oh JY, et al. (2014) Intraperitoneal infusion of mesenchymal stem/stromal cells prevents experimental autoimmune uveitis in mice. *Mediators of inflammation*, 2014, 624640.

Watanabe J, et al. (2013) Administration of TSG-6 improves memory after traumatic brain injury in mice. *Neurobiology of disease*, 59, 86.

Song D, et al. (2013) The anti-inflammatory property of human bone marrow-derived mesenchymal stem/stromal cells is preserved in late-passage cultures. *Journal of neuroimmunology*, 263(1-2), 55.

Suzuki T, et al. (2013) Therapeutic effects of human mesenchymal stem cells in Wistar-Kyoto rats with anti-glomerular basement membrane glomerulonephritis. *PloS one*, 8(6), e67475.