

The following are representative references picked out.

■ Human adipose-derived stromal cells/ STEM-CELLBANKER

Proposal of Simplified Standardization of the Cell-Growth-Promoting Activity of Human Adipose Tissue Mesenchymal Stromal Cell Culture Supernatants.

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<https://www.mdpi.com/1422-0067/25/10/5197>

■ Canine adipose tissue-derived MSCs/ CELLBANKER 1

Pulmonary passage of canine adipose tissue-derived mesenchymal stem cells through intravenous transplantation in mouse model.

Kwon J, Kim MY, Lee S, Lee J, Yoon HY.

J. Vet. Sci., (2024) May;25(3):e36.

<https://www.vetsci.org/DOIX.php?id=10.4142/jvs.23300>

■ Mouse bone marrow-derived MSCs/ CELLBANKER 2

Mesenchymal stem cells loaded with Ad5-Ki67/IL-15 enhance oncolytic adenovirotherapy in experimental glioblastoma.

Wang P, Zhang J, Zhang Q, Liu F.

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■ Clinical-grade clonal human bone marrow MSCs/ STEM-CELLBANKER

Rapid and effective preparation of clonal bone marrow-derived mesenchymal stem/stromal cell sheets to reduce renal fibrosis.

Kameishi S, Dunn CM, Oka M, Kim K, Cho YK, Song SU, Grainger DW, Okano T.

Sci Rep., (2023) Mar 17;13(1):4421.

<https://www.nature.com/articles/s41598-023-31437-7>

■ Human bone marrow-derived MSCs/ STEM-CELLBANKER

Single-Cell RNA-Seq Reveals LRRC75A-Expressing Cell Population Involved in VEGF Secretion of Multipotent Mesenchymal Stromal/Stem Cells Under Ischemia.

Miura T, Kouno T, Takano M, Kuroda T, Yamamoto Y, Kusakawa S, Morioka MS, Sugawara T, Hirai T, Yasuda S, Sawada R, Matsuyama S, Kawaji H, Kasukawa T, Itoh M, Matsuyama A, Shin JW, Umezawa A, Kawai J, Sato Y.

Stem Cells Translational Medicine, (2023) Volume 12, Issue 6, Pages 379–390

<https://academic.oup.com/stcltm/article/12/6/379/7177383>

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■ Human umbilical cord derived MSCs/ CELLBANKER 2

Study of the biological characteristics of human umbilical cord mesenchymal stem cells after long-time cryopreservation.

Zhang M, Zhao Y, Wang L, Zheng Y, Yu H, Dong X, He W, Yin Z, Wang Z.
Cell Tissue Bank, (2022) Jan 23(4):739-752..

<https://link.springer.com/article/10.1007/s10561-021-09973-1>

■ Subcutaneous or visceral adipose tissue derived MSCs / STEM-CELLBANKER DMSO Free

The Phenotype of the Adipocytes Derived from Subcutaneous and Visceral ADMSCs Is Altered When They Originate from Morbidly Obese Women: Is There a Memory Effect?

Mikłosz A, Łukaszuk B, Supruniuk E, Grubczak K, Starosz A, Kusaczuk M, Naumowicz M, Chabowski A
Cells(2022) 11(9), 1435.

<https://www.sciencedirect.com/science/article/pii/S2666634022004500>

■ Clumps of human bone marrow-derived MSCs / STEM-CELLBANKER DMSO Free

Xenotransplantation of cryopreserved human clumps of mesenchymal stem cells/extracellular matrix complexes pretreated with IFN- γ induces rat calvarial bone regeneration.

Ogawa T, Kajiya M, Horikoshi S, Yoshii H, Yoshino M, Motoike S, Morimoto S, Sone H, Iwata T, Ouhara K, Matsuda S, Mizuno N

Regenerative Therapy, (2022) Volume 20, June, 117-125.

<https://www.sciencedirect.com/science/article/pii/S2352320422000311>

■ Human umbilical cord-derived MSCs/ STEM-CELLBANKER

Immunological influence of serum-free manufactured umbilical cord-derived mesenchymal stromal cells for steroid-resistant acute graft-versus-host disease.

Nagamura-Inoue T, Kato S, Najima Y, Isobe M, Doki N, Yamamoto H, Uchida N, Takahashi A, Hori A, Nojima M, Ohashi K, Nagamura F, Tojo A.

Int J Hematol., (2022) Nov;116(5):754-769.

<https://link.springer.com/article/10.1007/s12185-022-03408-7>

■ Umbilical cord-derived MSCs/ STEM-CELLBANKER

Umbilical cord derived mesenchymal stromal cells in microcarrier based industrial scale sustain the immune regulatory functions.

Kurogi H, Takahashi A, Isogai M, Sakumoto M, Takijiri T, Hori A, Furuno T, Koike T, Yamada T, Nagamura-Inoue T, Sakaki-Yumoto M.

Biotechnol J. (2021) Feb 5:e2000558.

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