

The following are representative references picked out.

■ Skin grafts/ STEM-CELLBANKER DMSO Free

Organization of Hannover Skin Bank: Sterile culture and procurement protocols for viable cryopreserved allogeneic skin grafts of living donors.

Schlottmann F, Strauß S, Ziesing S, Reineke C, Ipaktchi R, Weyand B, Krezdorn N, Vogt PM, Bucan V. Int Wound J., (2024) Jan;21(1):e14374.

<https://onlinelibrary.wiley.com/doi/10.1111/iwj.14374>

■ Chicken Gonadal Tissues/ STEM-CELLBANKER

Direct in vitro propagation of avian germ cells from an embryonic gonad biorepository.

Hu T, Purdy PH, Blank MH, Muñoz CK, Pereira RJG, Tiampo CK, McGrew MJ.

Poult Sci., (2024) Nov;103(11):104260.

<https://www.sciencedirect.com/science/article/pii/S0032579124008393>

■ PBMC/ STEM-CELLBANKER

Processing and Cryopreservation of Blood, Cancer Tissues, and Cancer Cells for Viable Biobanking.

Chan JA, Vercauteren SM.

Methods Mol Biol., (2022) 2508:45-58.

https://link.springer.com/protocol/10.1007/978-1-0716-2376-3_5

■ PBMC, clinical iPSC line/ STEM-CELLBANKER

A clinical-grade HLA haplobank of human induced pluripotent stem cells matching approximately 40% of the Japanese population.

Yoshida S, Kato T, Sato Y, Umekage M, Ichisaka T, Tsukahara M, Takasu N, Yamanaka S. Med. (2023) Jan 13;4(1):51-66.e10.

[https://www.cell.com/med/fulltext/S2666-6340\(22\)00450-0](https://www.cell.com/med/fulltext/S2666-6340(22)00450-0)

■ Marine diatoms, Chaetoceros and Phaeodactylum/ CELLBANKER 2

Establishment of a simple method for cryopreservation of the marine diatoms, Chaetoceros and Phaeodactylum.

Yamaguchi H, Sumida N, Matsukawa K, Adachi M, Tomaru Y, Ishikawa K, Hotta J. Journal of Applied Phycology, (2023) 35, pages 2285-2293.

<https://link.springer.com/article/10.1007/s10811-023-03040-w>

The following are representative references picked out.

■ Tumor/ CELLBANKER 1

Establishment of Biobank and Patient-Derived Xenograft of Soft Tissue and Bone Tumors.
Okada S, Boonrate P, Panaampon J, Saisuwan K, Ogata-Aoki H, Abe M, Hirabayashi K, Nakagawa R, Kikuta K.
Cureus, (2024) Nov 29;16(11):e74781.
<https://www.cureus.com/articles/317503-establishment-of-biobank-and-patient-derived-xenograft-of-soft-tissue-and-bone-tumors#!/>

■ PBMC/ CELLBANKER 1plus

Biobank Establishment and Sample Management in the Tohoku Medical Megabank Project.
Minegishi N, Nishijima I, Nobukuni T, Kudo H, Ishida N, Terakawa T, Kumada K, Yamashita R, Katsuoka F, Ogishima S, Suzuki K, Sasaki M, Satoh M, Tohoku Medical Megabank Project Study Group, Yamamoto M.
Tohoku J Exp Med. (2019) May;248(1):45-55.
https://www.jstage.jst.go.jp/article/tjem/248/1/248_45/_html/-char/en