

The following are representative references picked out.

■ Bulbar conjunctiva tissue from donors/ CELLBANKER 1

Human conjunctiva organoids to study ocular surface homeostasis and disease.

Bannier-Hélaouët M, Korving J, Ma Z, Begthel H, Giladi A, Lamers MM, van de Wetering WJ, Yawata N, Yawata M, LaPointe VLS, Dickman MM, Kalmann R, Imhoff SM, van Es JH, López-Iglesias C, Peters PJ, Haagmans BL, Wu W, Clevers H.

Cell Stem Cell, (2024) Jan 4:S1934-5909(23)00438-1.

[https://www.cell.com/cell-stem-cell/fulltext/S1934-5909\(23\)00438-1](https://www.cell.com/cell-stem-cell/fulltext/S1934-5909(23)00438-1)

■ Hearts and livers tissue/ STEM-CELLBANKER

Exploration of Preservation Methods for Utilizing Porcine Fetal-Organ-Derived Cells in Regenerative Medicine Research

Matsui K, Sekine H, Ishikawa J, Enosawa S, Matsumoto N, Inage Y, Kinoshita Y, Morimoto K, Yamamoto S, Koda N, Yamanaka S, Yokoo T, Kobayashi E.

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■ Lung tissue/ CELLBANKER 2

Pharmacological expansion of type 2 alveolar epithelial cells promotes regenerative lower airway repair.

Shao S, Zhang N, Specht GP, You S, Song L, Fu Q, Huang D, You H, Shu J, Domissy A, Li S, Nguyen-Tran V, Joseph SB, Chatterjee AK, Chen JJ, Schultz PG, Bollong MJ.

Proc Natl Acad Sci U S A., (2024) Apr 16;121(16):e2400077121.

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■ Limb tissues or trunk tissues from emu embryos / CELLBANKER 1plus

Immobilization secondary to cell death of muscle precursors with a dual transcriptional signature contributes to the emu wing skeletal pattern.

Tsuboi E, Ono SF, Cordeiro IR, Yu R, Kawanishi T, Koizumi M, Shigenobu S, Sheng G, Okabe M, Tanaka M.

Nat Commun., (2024) Sep 19;15(1):8153.

<https://www.nature.com/articles/s41467-024-52203-x>

■ Chondrocytes from human cartilage tissue/ STEM-CELLBANKER

Regenerative Variability of Human Juvenile Chondrocyte Sheets From Different Cell Donors in an Athymic Rat Knee Chondral Defect Model.

Matsukura K, Kondo M, Metzler NF, Ford AJ, Maak TG, Hutchinson DT, Wang AA, Sato M, Grainger DW, Okano T.

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■ Cortical tissue from dead aborted human fetuses / STEM-CELLBANKER

Long-term calcium imaging reveals functional development in hiPSC-derived cultures comparable to human but not rat primary cultures.

Estévez-Priego E, Moreno-Fina M, Monni E, Kokaia Z, Soriano J, Tornero D.
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[https://www.cell.com/stem-cell-reports/fulltext/S2213-6711\(22\)00547-1](https://www.cell.com/stem-cell-reports/fulltext/S2213-6711(22)00547-1)

■ Liver, spleen, kidney, muscle tissues from mouse / STEM-CELLBANKER DMSO Free

An organism-wide ATAC-seq peak catalogue for the bovine and its use to identify regulatory variants.
Yuan C, Tang L, Lopdell T, Petrov VA, Oget-Ebrad C, Moreira GCM, Gualdrón Duarte JL, Sartelet A, Cheng Z, Salavati M, Wathes CD, Crowe MA; GplusE Consortium; Coppieters W, Littlejohn M, Charlier C, Druet T, Georges M, Takeda H.

Genome Res., (2023) Sep 26:gr.277947.123.

<https://genome.cshlp.org/content/33/10/1848.long>

■ Human thyroid tissue/ STEM-CELLBANKER DMSO Free

Subcutaneous transplantation of human thyroid tissue into a pre-vascularized Cell Pouch™ device in a Mus musculus model: Evidence of viability and function for thyroid transplantation.

Wiseman SM, Memarnejadian A, Boyce GK, Nguyen A, Walker BA, Holmes DT, Welch ID, Mazzuca DM, Toleikis PM.

PLoS One, (2022) Jan 20;17(1):e0262345.

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0262345>

■ Ovarian malignant tissues/ STEM-CELLBANKER DMSO Free

Establishment of in vitro 3D spheroid cell cultivation from human gynecologic cancer tissues.

Ueda H, Mori Y, Yamawaki K, Ishiguro T, Ohata H, Sato A, Sugino K, Yachida N, Yamaguchi M, Suda K, Tamura R, Yoshihara K, Okamoto K, Enomoto T.

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■ Tumor and nonmalignant colon tissue/ CELLBANKER 1

Lineage-dependent gene expression programs influence the immune landscape of colorectal cancer.

Lee HO, Hong Y, Etlioglu HE, Cho YB, Pomella V, Van den Bosch B, Vanhecke J, Verbandt S, Hong H, Min JW, Kim N, Eum HH, Qian J, Boeckx B, Lambrechts D, Tsantoulis P, De Hertogh G, Chung W, Lee T, An M, Shin HT, Joung JG, Jung MH, Ko G, Wirapati P, Kim SH, Kim HC, Yun SH, Tan IBH, Ranjan B, Lee WY, Kim TY, Choi JK, Kim YJ, Prabhakar S, Tejpar S, Park WY.

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