

References / Publications

- Cell Sheet technology
- Surface modification
- UpCell®
 - Adipose-derived stem / stromal cells
 - Adipose tissue-derived stromal vascular fraction (SVF) cells
 - Bladder
 - Blood outgrowth endothelial cells (BOECs)
 - Bone Marrow-Derived cell / Bone marrow mesenchymal stromal cells / Bone marrow stromal cells
 - Cardiac myoblast / Cardiomyocyte
 - Cardiac stem cells
 - Cardiovascular cells
 - Chondrocyte
 - Cornea
 - Corneal endothelial cells
 - Dental epithelial (DE) cells/ Dental mesenchymal (DM) cells
 - Embryonic stem cells
 - Endometrial cells
 - Fibroblast (NIH/3T3)
 - HCT-116(-luc2) <human colon cancer cell line including luciferase 2>
 - Hepatocyte
 - Human 293 (CD4 expressing) cells
 - Human Rotator Cuff-Derived cells
 - Islet
 - Keratinocyte
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 - Macrophages
 - Mesenchymal stem cell / Mesenchymal Stromal cell
 - Microglia
 - Nasal mucosa epithelial cells
 - Oral mucosal epithelial cell
 - Osteoblasts
 - Periodontal ligament

- Peripheral blood mononuclear cells
- Renal cell, MDCK cell
- Retinal pigment cell
- Skeletal myoblast
- Smooth muscle cell
- Synoviocyte
- Tendon derived stem / progenitor cell(TSC)
- Thyroid
- Urothelial cell
- Vein endothelial cells
- Review
- RepCell™
- HydroCell™
- cellZscope®

- **Cell Sheet technology**

Kikuchi, A., Okuhara, M., Karikusa, F., Sakurai, Y., and Okano, T. (1998). Two-dimensional manipulation of confluent cultured vascular endothelial cells using temperature-responsive poly(N-isopropylacrylamide)-grafted surfaces. *Journal of Biomaterials Science, Polymer Edition* 9(12), 1331-1348

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- **Surface modification**

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- UpCell®
 - Adipose-derived stem / stromal cells

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➤ Cardiac stem cells

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➤ Cardiovascular cells

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➤ Chondrocyte

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