

## Selected References of Luminicell Products (Updated Mar 2024)

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Arriaga, J.M., Ronaldson-Bouchard, K., Picech, F. et al. (2024) In vivo genome-wide CRISPR screening identifies CITED2 as a driver of prostate cancer bone metastasis. *Oncogene* (2024), <https://doi.org/10.1038/s41388-024-02995-5> (Luminicell Tracker 670)

Cacciottola, L., Vitale, F., Donnez, J., et al. (2023) Use of Mesenchymal Stem Cells to Enhance or Restore Fertility Potential: A Systematic Review of Available Experimental Strategies. *Human Reproduction Open*, 2023(4), <https://doi.org/10.1093/hropen/hoad040> (Luminicell Tracker 540)

Arai, K., Saito, F., Miyazaki, M., et al. (2023) Small Molecules Temporarily Induce Neuronal Features in Adult Canine Dermal Fibroblasts. *Int. J. Mol. Sci.* 2023, 24(21), 15804 <https://doi.org/10.3390/ijms242115804> (Luminicell Tracker 540)

Huang, C. P., Lu, H. L., Shyr, C. R. (2023). Anti-Tumor Activity Of Intratumoral Xenogeneic Urothelial Cell Monotherapy Or In Combination With Chemotherapy In Syngeneic Murine Models Of Bladder Cancer. *American journal of cancer research*, 13(6), 2285–2306. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10326576/> (Luminicell Tracker 670)

Kojima, H., Kushige, H., Yagi, H., et al. (2023). Combinational Treatment Involving Decellularized Extracellular Matrix Hydrogels with Mesenchymal Stem Cells Increased the Efficacy Of Cell Therapy In Pancreatitis. *Cell Transplantation*, 32, <https://doi.org/10.1177/09636897231170437> (Luminicell Tracker 670)

Chikashi, W., Higashi, T., Hayashi, H., et al. (2023). Potential Activity of Adiponectin-Expressing Regulatory T Cells Against Triple-Negative Breast Cancer Cells Through the Cell-In-Cell Phenomenon. *Thorac Cancer*. 2023; 14: 1941 – 1945. <https://doi.org/10.1177/09636897231170437> (Luminicell Tracker 670)

Dahal, S., Dayal, S., et al. (2022). Adult Mesenchymal Stem Cells and Derivatives in Improved Elastin Homeostasis in a Rat Model of Abdominal Aortic Aneurysms. *Stem Cells Translational Medicine*, 11(8), 850–860. <https://doi.org/10.1093/stcltm/szac043> (Luminicell Tracker 670)

Huang, C.-P., Liu, L.-C., et al. (2022). Intratumoral Xenogeneic Tissue-Specific Cell Immunotherapy Inhibits Tumor Growth By Increasing Antitumor Immunity In Murine Triple Negative Breast And Pancreatic Tumor Models. *Cancer Letters*, 545, 115478– 115478. <https://doi.org/10.1016/j.canlet.2021.10.044> (Luminicell Tracker 670)

Kishi, S., Fujiwara-Tani, R., et al. (2022). Oxidized High Mobility Group B-1 Enhances Metastability of Colorectal Cancer Via Modification of Mesenchymal Stem/Stromal Cells. *Cancer Science*, 113(8), 2904–2915. <https://doi.org/10.1111/cas.15400> (Luminicell Tracker 540)

Naderi-Meshkin, H., Eleftheriadou, M., et al. (2022). Impaired Function in Diabetic Patient iPSC-Derived Blood Vessel Organoids Stem From a Subpopulation of Vascular Cells. *bioRxiv*, 2022.2007.2018.500478. <https://doi.org/10.1101/2022.07.18.500478> (Luminicell Tracker 670)

Jang, S. E., Qiu, L., et al. (2021). Aggregation-induced emission (AIE) Nanoparticles Labeled Human Embryonic Stem Cells (hESCs)-Derived Neurons for Transplantation. *Biomaterials*, 271, 120747–120747. <https://doi.org/10.1016/j.biomaterials.2021.120747> (Luminicell Tracker 670)

Salvatore, G., De Felici, M., et al. (2021). Human Adipose-Derived Stromal Cells Transplantation Prolongs Reproductive Lifespan on Mouse Models of Mild and Severe Premature Ovarian Insufficiency. *Stem Cell Research & Therapy*, 12(1), 537-537. <https://doi.org/10.1186/s13287-021-02590-5> (Luminicell Tracker 540)

Kc, P., Shah, M., et al. (2020). Preseeding of Mesenchymal Stem Cells Increases Integration of an iPSC-Derived CM Sheet into a Cardiac Matrix. *ACS Biomaterials Science & Engineering*, 6(12), 6808-6818. <https://doi.org/10.1021/acsbomaterials.0c00788> (Luminicell Tracker 540 & 670)

Rojas-Torres, M., Jiménez-Palomares, M., et al. (2020). REX-001, a BM-MNC Enriched Solution, Induces Revascularization of Ischemic Tissues in a Murine Model of Chronic Limb-Threatening Ischemia. *Frontiers in Cell and Developmental Biology*, 8. <https://doi.org/10.3389/fcell.2020.602837> (Luminicell Tracker 540)

Xuan, W., Khan, M., et al. (2020). Extracellular Vesicles from Notch Activated Cardiac Mesenchymal Stem Cells Promote Myocyte Proliferation and Neovasculogenesis. *Frontiers in Cell and Developmental Biology*, 8. <https://doi.org/10.3389/fcell.2020.00011> (Luminicell Tracker 540)

Wang, S., Liu, J., et al. (2019). NIR-II-Excited Intravital Two-Photon Microscopy Distinguishes Deep Cerebral and Tumor Vasculatures with an Ultrabright NIR-I AIE Luminogen. *Advanced Materials*, 31(44), 1904447-1904447. <https://doi.org/10.1002/adma.201904447> (Luminicell Tracker 540)

Garg, B., Giri, B., et al. (2018). NFκB in Pancreatic Stellate Cells Reduces Infiltration of Tumors by Cytotoxic T Cells and Killing of Cancer Cells, via Up-regulation of CXCL12. *Gastroenterology*, 155(3), 880-891.e888. <https://doi.org/10.1053/j.gastro.2018.05.051> (Luminicell Tracker 540 & 670)

Gu, B., Wu, W., et al. (2017). Precise Two-Photon Photodynamic Therapy using an Efficient Photosensitizer with Aggregation-Induced Emission Characteristics. *Advanced Materials*, 29(28), 1701076-1701076. <https://doi.org/10.1002/adma.201701076> (Luminicell Tracker 540)