

Selection of publications ASC/TERT1

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Fürsatz M, Gerges P, Wolbank S, Nürnberger S. Autonomous spheroid formation by culture plate compartmentation. Biofabrication. 2021 Jan 29. <https://pubmed.ncbi.nlm.nih.gov/33513590/>

Nürnberger S, Schneider C, Keibl C, Schädl B, Heimel P, Monforte X, Teuschl AH, Nalbach M, Thurner PJ, Grillari J, Redl H, Wolbank S. Repopulation of decellularised articular cartilage by laser-based matrix engraving. EBioMedicine. 2021 Feb;64:103196. <https://pubmed.ncbi.nlm.nih.gov/33483297/>

Katz DB, Huynh NPT, Savadipour A, Palte I, Guilak F. An immortalized human adipose-derived stem cell line with highly enhanced chondrogenic properties. Biochem Biophys Res Commun. 2020 Sep 10;530(1):252-258. <https://pubmed.ncbi.nlm.nih.gov/32828295/>

Comas F, Latorre J, Ortega F, Oliveras-Cañellas N, Lluch A, Ricart W, Fernández-Real JM, Moreno-Navarrete JM. Permanent cystathionine- β -Synthase gene knockdown promotes inflammation and oxidative stress in immortalized human adipose-derived mesenchymal stem cells, enhancing their adipogenic capacity. Redox Biol. 2020 Aug 2:101668. <https://pubmed.ncbi.nlm.nih.gov/32800520/>

Tyurin-Kuzmin PA, Chechekhin VI, Ivanova AM, Dyikanov DT, Sysoeva VY, Kalinina NI, Tkachuk VA. Noradrenaline Sensitivity Is Severely Impaired in Immortalized Adipose-Derived Mesenchymal Stem Cell Line. Int J Mol Sci. 2018 Nov 22;19(12):3712. <https://pubmed.ncbi.nlm.nih.gov/30469522/>

Hasebe-Takada N, Kono K, Yasuda S, Sawada R, Matsuyama A, Sato Y. Application of cell growth analysis to the quality assessment of human cell-processed therapeutic products as a testing method for immortalized cellular impurities. Regen Ther. 2016 Sep 9;5:49-54. <https://pubmed.ncbi.nlm.nih.gov/31245501/>

Wolbank S, Stadler G, Peterbauer A, Gillich A, Karbiener M, Streubel B, Wieser M, Katinger H, van Griensven M, Redl H, Gabriel C, Grillari J, Grillari-Voglauer R. Telomerase immortalized human amnion- and adipose-derived mesenchymal stem cells: maintenance of differentiation and immunomodulatory characteristics. Tissue Eng Part A. 2009 Jul;15(7):1843-54. <https://pubmed.ncbi.nlm.nih.gov/19125642/>
