Key Publications

Human Corneal Epithelial Cells (hTCEpi)

Alekseev O, Limonnik V, Donovan K, Azizkhan-Clifford J. Activation of checkpoint kinase 2 is critical for herpes simplex virus type 1 replication in corneal epithelium. Ophthalmic Res. 2015;53(2):55-64. [PMID: 25531207]

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Koppaka V, Chen Y, Mehta G, Orlicky DJ, Thompson DC, Jester JV, Vasiliou V. ALDH3A1 Plays a Functional Role in Maintenance of Corneal Epithelial Homeostasis. PLoS One. 2016 Jan 11;11(1):e0146433. [PMID: 26751691]

McClintock JL, Ceresa BP. Transforming growth factor-{alpha} enhances corneal epithelial cell migration by promoting EGFR recycling. Invest Ophthalmol Vis Sci. 2010 Jul;51(7):3455-61. [PMID: 20181835]

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Parks EE, Ceresa BP. Cell surface epidermal growth factor receptors increase Src and c-Cbl activity and receptor ubiquitylation. J Biol Chem. 2014 Sep 12;289(37):25537-45. [PMID: 25074934]

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Reins RY, Mesmar F, Williams C, McDermott AM. Vitamin D Induces Global Gene Transcription in Human Corneal Epithelial Cells: Implications for Corneal Inflammation. Invest Ophthalmol Vis Sci. 2016 May 1;57(6):2689-98. [PMID: 27196318]

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