Generation and Feasibility Assessment of a New Vehicle Corneal Endothelial Dysfunction

PLoS ONE

11, e0158427

DOI: 10.1371/journal.pone.0158427

Citation Report

#	Article	IF	Citations
1	Corneal Endothelial Cells Have an Absolute Requirement for Cysteine for Survival. Cornea, 2017, 36, 988-994.	1.7	7
2	Regulatory Compliant Tissue-Engineered Human Corneal Endothelial Grafts Restore Corneal Function of Rabbits with Bullous Keratopathy. Scientific Reports, 2017, 7, 14149.	3.3	68
3	Manipulation of Panx1 Activity Increases the Engraftment of Transplanted Lacrimal Gland Epithelial Progenitor Cells. , 2017, 58, 5654.		27
4	Impact of the clinical use of ROCK inhibitor on the pathogenesis and treatment of glaucoma. Japanese Journal of Ophthalmology, 2018, 62, 109-126.	1.9	65
5	Association of the Gutta-Induced Microenvironment With Corneal Endothelial Cell Behavior and Demise in Fuchs Endothelial Corneal Dystrophy. JAMA Ophthalmology, 2018, 136, 886.	2.5	48
6	Mini-Sheet Injection for Cultured Corneal Endothelial Transplantation. Tissue Engineering - Part C: Methods, 2018, 24, 474-479.	2.1	14
7	Feasibility of a cryopreservation of cultured human corneal endothelial cells. PLoS ONE, 2019, 14, e0218431.	2.5	11
8	Experimental models of corneal endothelial cell therapy and translational challenges to clinical practice. Experimental Eye Research, 2019, 188, 107794.	2.6	13
9	Functional Evaluation of Two Corneal Endothelial Cell-Based Therapies: Tissue-Engineered Construct and Cell Injection. Scientific Reports, 2019, 9, 6087.	3.3	55
10	Dysfunctional Corneal Endothelium: Delivery of Cell Therapy. Essentials in Ophthalmology, 2019, , 485-497.	0.1	0
11	Laminin 511 Precoating Promotes the Functional Recovery of Transplanted Corneal Endothelial Cells. Tissue Engineering - Part A, 2020, 26, 1158-1168.	3.1	6
12	Therapeutic potential of Rho-associated kinase inhibitor Y27632 in corneal endothelial dysfunction: an in vitro and in vivo study. International Journal of Ophthalmology, 2021, 14, 19-25.	1.1	0
13	Current development of alternative treatments for endothelial decompensation: Cell-based therapy. Experimental Eye Research, 2021, 207, 108560.	2.6	6
14	Characterization of the iPSC-derived conditioned medium that promotes the growth of bovine corneal endothelial cells. PeerJ, 2019, 7, e6734.	2.0	3
15	New developments in corneal endothelial cell replacement. Acta Ophthalmologica, 2021, 99, 712-729.	1.1	8
16	Rho-kinase inhibitors: Role in corneal endothelial disorders. Seminars in Ophthalmology, 0, , 1-6.	1.6	0
17	A Framework for Human Corneal Endothelial Cell Culture and Preliminary Wound Model Experiments with a New Cell Tracking Approach. International Journal of Molecular Sciences, 2023, 24, 2982.	4.1	2
18	Ex vivoÂcultivatedÂretinal pigment epithelial cell transplantation for the treatment of rabbit corneal endothelial dysfunction. Eye and Vision (London, England), 2023, 10, .	3.0	2

#	Article	IF	Citations
19	Tissue Engineering Approach for Corneal Regeneration. , 2024, , 156-171.		0