Scientific References

1) Arfuzir NN, Agarwal R, Iezhitsa I, et al. Taurine protects against retinal and optic nerve damage induced by endothelin-1 in rats via antioxidant effects. Neural regeneration research. 2018 Nov;13(11):2014-2021. doi:10.4103/1673-5374.239450

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6183037/

2) Bigagli E, Cinci L, D'Ambrosio M, et al. Pharmacological activities of an eye drop containing Matricaria chamomilla and Euphrasia officinalis extracts in UVB-induced oxidative stress and inflammation of human corneal cells. Journal of Photochemistry and Photobiology B: Biology. 2017 Aug 1;173:618-625. doi:10.1016/j.jphotobiol.2017.06.031.

https://pubmed.ncbi.nlm.nih.gov/28704790/

3) Chu W. Taurine supplementation may slow down cardiac and visual degeneration: Study [Internet]. NUTRA. William Reed Ltd; 2020 [cited 2022 Nov19].

https://www.nutraingredients.com/Article/2020/02/26/Taurine-supplements-may-slow-cardiac-and-visual-degeneration

4) Froger N, Moutsimilli L, Cadetti L, et al. Taurine: the comeback of a neutraceutical in the prevention of retinal degenerations. Progress in d and eye research. 2014 Jul 1;41:44-63. doi:10.1016/j.preteyeres.2014.03.001.

https://pubmed.ncbi.nlm.nih.gov/24721186/

5) Galbis-Estrada C, Pinazo-Durán MD, Martínez-Castillo S, et al. A metabolomic approach to dry eye disorders. The role of oral supplements with antioxidants and omega 3 fatty acids. Molecular Vision. 2015 ; 11(21):555-567

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4431415/

6) Hebert P, Asojo A, Eckhoff A, et al. Measuring the Impacts of Existing Artificial Optical Radiation at 3 Sites: A Pilot Study of Military, Student, and Older Adult Housing Communities [Internet]. United States Environmental Protection Agency (EPA); 2015 [cited 2022 Nov19].

https://cfpub.epa.gov/ncer_abstracts/index.cfm/fuseaction/display.abstractDetail/abstract_id/9215/report/F

7) Jackson CR, Ruan GX, Aseem F, et al. Retinal dopamine mediates multiple dimensions of light-adapted vision. Journal of Neuroscience. 2012 Jul 4;32(27):9359-9368. doi:10.1523/JNEUROSCI.0711-12.2012

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3400466/

8) Jung KI, Kim YC, Park CK. Dietary niacin and open-angle glaucoma: the korean national health and nutrition examination survey. Nutrients. 2018 Mar 22;10(4):387. doi:10.3390/nu10040387.

https://pubmed.ncbi.nlm.nih.gov/29565276/

9) Kamilov KM, Kasimova MS, Makhkamova DK. Analysis of choline alfoscerate effectiveness in chronic ocular ischemic syndrome. Vestnik Oftalmologii. 2016 Mar 1;132(2):73-76. doi:10.17116/oftalma2016132273-76.

https://pubmed.ncbi.nlm.nih.gov/27213801/

10) Kolasa K. Diet and nutrition in dementia and cognitive decline. Journal of Nutrition Education and Behavior. 2015 Jul 1;47(4):402-e7. doi:10.1016/j.jneb.2015.02.011

11) Lin F, Xu W, Guan C, et al. Niacin protects against UVB radiation-induced apoptosis in cultured human skin keratinocytes. International Journal of Molecular Medicine. 2012 Apr 1;29(4):593-600. doi:10.3892/ijmm.2012.886

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3577345/#:~:text=Collectively%2C%20our%20data%20suggest%20that,and%20downstream%20mTOR%20signaling%20pathways

12) MES Vision. Vision facts and statistics [Internet]. 2007 [cited 2022 Nov18].

https://www.mesvision.com/includes/pdf_Broker/MESVision%20Facts%20and%20Statistics.pdf

13) Majeed M, Nagabhushanam K, Natarajan S, et al. Efficacy and safety of 1% forskolin eye drops in open angle glaucoma–An open label study. Saudi journal of ophthalmology. 2015 Jul 1;29(3):197-200. doi:10.1016/j.sjopt.2015.02.003

https://www.sciencedirect.com/science/article/pii/S1319453415000284?via%3Dihub

14) Naber M, Hommel B, Colzato LS. Improved human visuomotor performance and pupil constriction after choline supplementation in a placebo-controlled double-blind study. Scientific reports. 2015 Aug 14;5(1):1-9. doi:10.1038/srep13188

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4536529/

15) Neri DF, Wiegmann D, Stanny RR, et al. The effects of tyrosine on cognitive performance during extended wakefulness. Aviation, space, and environmental medicine. 1995 Apr;66(4):313-319.

https://pubmed.ncbi.nlm.nih.gov/7794222/

16) Neuroscience News. Dry Eye disease negatively affects physical and mental health as well as Vision [Internet]. Neuroscience News. 2021 [cited 2022 Nov18].

https://neurosciencenews.com/mental-health-dry-eye-18025/

17) O'Dell LE. The link between Dry Eye and mental health challenges [Internet]. Medical Optometry America. 2022 [cited 2022 Nov18].

18) Plangár I, Szabó ER, Tőkés T, et al. Radio-neuroprotective effect of L-alpha-glycerylphosphorylcholine (GPC) in an experimental rat model. Journal of neuro-oncology. 2014 Sep;119(2):253-61. doi:10.1007/s11060-014-1489-z. Epub 2014 Jun 1.

https://pubmed.ncbi.nlm.nih.gov/24880750/

19) Popova E. Role of Dopamine in Retinal Function. In: Kolb H, Fernandez E, Nelson R, eds. Webvision: The Organization of the Retina and Visual System. Salt Lake City (UT): University of Utah Health Sciences Center; May 28, 2020.

https://www.ncbi.nlm.nih.gov/books/NBK561740/#:~:text=In%20retinal%20circuitry%20dopamine%20serves,volume%E2%80%9D%20transmission%20mode%20of%20communication

20) Schmidt M, Giessl A, Laufs T, et al. How does the eye breathe?: evidence for neuroglobin-mediated oxygen supply in the mammalian retina. Journal of Biological Chemistry. 2003 Jan 17;278(3):1932-5. doi:10.1074/jbc.M209909200.

https://pubmed.ncbi.nlm.nih.gov/12409290/

21) Snaidr VA, Damian DL, Halliday GM. Nicotinamide for photoprotection and skin cancer chemoprevention: A review of efficacy and safety. Experimental Dermatology. 2019 Feb;28:15-22. doi:10.1111/exd.13819.

https://pubmed.ncbi.nlm.nih.gov/30698874/

22) Sofi F, Marcucci R, Bolli P, et al. Low vitamin B6 and folic acid levels are associated with retinal vein occlusion independently of homocysteine levels. Atherosclerosis. 2008 May 1;198(1):223-7. doi:10.1016/j.atherosclerosis.2007.09.009.

https://pubmed.ncbi.nlm.nih.gov/17945240/

23) The Vision Council. Organizational overview [Internet]. 2021 [cited 2022 Nov18].

https://thevisioncouncil.org/sites/default/files/assets/media/TVC_OrgOverview_sheet_2021.pdf

24) Yu P, Dong WP, Tang YB, et al. A lowers intraocular pressure via the M3 mAChR and provides retinal neuroprotection via the M1 mAChR: a promising agent for the treatment of glaucoma. Annals of Translational Medicine. 2021 Feb;9(4):332. doi:10.21037/atm-20-8093

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7944337/

25) Zhao ZC, Zhou Y, Tan G, et al. Research progress about the effect and prevention of blue light on eyes. International journal of ophthalmology. 2018;11(12):1999-2003. doi:10.18240/ijo.2018.12.20

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6288536/