

REFERENCES

- Bowling, Brad. (2016). *Kanski's clinical ophthalmology: a systematic approach*. Elsevier.
- Brittain, H. K., Scott, A. R., & Thomas, E. (2017). The rise of the genome and personalised medicine. In *Clinical Medicine* (Vol. 17, Issue 6).
- Chen, L., Jia, L., Wang, N., Tang, G., Zhang, C., & Fan, S. (2009). *Evaluation of LOXL1 polymorphisms in exfoliation syndrome in a Chinese population*.
<http://www.molvis.org/molvis/v15/a251>
- den Dunnen, J. T., Dalgleish, R., Maglott, D. R., Hart, R. K., Greenblatt, M. S., McGowan-Jordan, J., Roux, A. F., Smith, T., Antonarakis, S. E., & Taschner, P. E. M. (2016). HGVS Recommendations for the Description of Sequence Variants: 2016 Update. *Human Mutation*, 37(6), 564–569.
<https://doi.org/10.1002/humu.22981>
- Ekici, E., & Moghimi, S. (2023). Advances in understanding glaucoma pathogenesis: A multifaceted molecular approach for clinician scientists. In *Molecular Aspects of Medicine* (Vol. 94). Elsevier Ltd. <https://doi.org/10.1016/j.mam.2023.101223>

Eliseeva, N., Ponomarenko, I., Reshetnikov, E., Dvornyk, V., & Churnosov, M. (2021). *LOXL1 gene polymorphism candidates for exfoliation glaucoma are also associated with a risk for primary open-angle glaucoma in a Caucasian population from central Russia.*

Fen Gong, W., Chiang, S. W., Jia Chen, L., Tam, P. O., Yun Jia, L., Leung, D. Y., Qun Geng, Y., Tham, C. C., Lam, D. S., Ritch, R., Wang, N., & Pui Pang, C. (2008). *Evaluation of LOXL1 polymorphisms in primary open-angle glaucoma in southern and northern Chinese.*
<http://www.molvis.org/molvis/v14/a275>

Fontanges, Q., De Mendonca, R., Salmon, I., Le Mercier, M., & D'Haene, N. (2016). Clinical application of targeted next generation sequencing for colorectal cancers. In *International Journal of Molecular Sciences* (Vol. 17, Issue 12). MDPI AG.
<https://doi.org/10.3390/ijms17122117>

Griffiths, A. J. F. (2024). DNA sequencing. In *Encyclopedia Britannica.*

Heather, J. M., & Chain, B. (2016). The sequence of sequencers: The history of sequencing DNA. *Genomics*, 107(1), 1–8. <https://doi.org/10.1016/j.ygeno.2015.11.003>

Kanski, J. J., & Bowling, B. (2015). *Kanski's Clinical Ophthalmology E-Book: A Systematic Approach*. Elsevier Health Sciences. <https://books.google.co.id/books?id=D9GfBwAAQBAJ>

Kasim, B., Irkeç, M., Alikışıfoğlu, M., Orhan, M., & Mocan, M. C. (2013). *Association of LOXL1 gene polymorphisms with exfoliation syndrome/glaucoma and primary open angle glaucoma in a Turkish population*.

Kosorok, M. R., & Laber, E. B. (2019). Precision Medicine. *Annual Review of Statistics and Its Application*, 6, 263–286. <https://doi.org/10.1146/annurev-statistics>

Kumar Mittal, S., & Kumar Agarwal, R. (2021). *Textbook of Ophthalmology*.

Metzker, M. L. (2005). Emerging technologies in DNA sequencing. In *Genome Research* (Vol. 15, Issue 12, pp. 1767–1776). <https://doi.org/10.1101/gr.3770505>

Morris, J., Myer, C., Cornet, T., Junk, A. K., Lee, R. K., & Bhattacharya, S. K. (2021). Proteomics of pseudoexfoliation materials in the anterior eye segment. In *Advances in Protein Chemistry and Structural Biology* (Vol. 127, pp. 271–290). Academic Press Inc.
<https://doi.org/10.1016/bs.apcsb.2021.03.004>

Netter, F. H. . (2023). *Netter atlas of human anatomy : classic regional approach*. Elsevier.

Paulsen, F., & Waschke, J. (2013). *Sobotta Atlas of Human Anatomy, Vol. 3, 15th ed., English/Latin: Head, Neck and Neuroanatomy*. Elsevier Health Sciences Germany.
<https://books.google.co.id/books?id=AJUnyK-OJNsC>

Richard F. (1991). Flow of Aqueous Humor in Humans [The Friedenwald Lecture]. In *Investigative Ophthalmology & Visual Science* (Vol. 32, Issue 13).

Riordan-Eva, P., & Augsburger, J. J. (2018). *Vaughan & Asbury's General Ophthalmology*. McGraw-Hill Education LLC.
<https://books.google.co.id/books?id=sbEvswEACAAJ>

Rizzo, J. M., & Buck, M. J. (2012). Key principles and clinical applications of “next-generation” DNA sequencing. In *Cancer*

Prevention Research (Vol. 5, Issue 7, pp. 887–900).

<https://doi.org/10.1158/1940-6207.CAPR-11-0432>

Schlötzer-Schrehardt, U., Pasutto, F., Sommer, P., Hornstra, I., Kruse, F. E., Naumann, G. O. H., Reis, A., & Zenkel, M. (2008). Genotype-correlated expression of lysyl oxidase-like 1 in ocular tissues of patients with pseudoexfoliation syndrome/glaucoma and normal patients. *American Journal of Pathology*, 173(6), 1724–1735. <https://doi.org/10.2353/ajpath.2008.080535>

Schlötzer-Schrehardt, U., & Zenkel, M. (2019). *The role of lysyl oxidase-like 1 (LOXL1) in exfoliation syndrome and glaucoma.*

Sherry, S. T., Ward, M., & Sirotkin, K. (1999). dbSNP—Database for Single Nucleotide Polymorphisms and Other Classes of Minor Genetic Variation. *Genome Res.*, 9, 677–679.

Shiga, Y., Akiyama, M., Nishiguchi, K. M., Sato, K., Shimozawa, N., Takahashi, A., Momozawa, Y., Hirata, M., Matsuda, K., Yamaji, T., Iwasaki, M., Tsugane, S., Oze, I., Mikami, H., Naito, M., Wakai, K., Yoshikawa, M., Miyake, M., Yamashiro, K., ... Kubo, M. (2018). Genome-wide association study identifies seven novel susceptibility loci for primary open-

- angle glaucoma. *Human Molecular Genetics*, 27(8), 1486–1496. <https://doi.org/10.1093/hmg/ddy053>
- Standring, S. (2016). *Gray's Anatomy: The Anatomical Basis of Clinical Practice*. Elsevier Limited. <https://books.google.co.id/books?id=LjP9rQEACAAJ>
- Sun, W., Sheng, Y., Weng, Y., Xu, C. X., Williams, S. E. I., Liu, Y. T., Hauser, M. A., Allingham, R. R., Jin, M. J., & Chen, G. Di. (2014). Lack of association between lysyl oxidase-like 1 polymorphisms and primary open angle glaucoma: A meta-analysis. *International Journal of Ophthalmology*, 7(3), 550–556. <https://doi.org/10.3980/j.issn.2222-3959.2014.03.29>
- Sun, X., Dai, Y., Chen, Y., Yu, D.-Y., Cringle, S. J., Chen, J., Kong, X., Wang, X., & Jiang, C. (2017). Primary angle closure glaucoma: What we know and what we don't know. *Progress in Retinal and Eye Research*, 57, 26–45. <https://doi.org/https://doi.org/10.1016/j.preteyeres.2016.12.003>
- Tham, Y. C., Li, X., Wong, T. Y., Quigley, H. A., Aung, T., & Cheng, C. Y. (2014). Global prevalence of glaucoma and projections of glaucoma burden through 2040: A systematic

- review and meta-analysis. *Ophthalmology*, 121(11), 2081–2090. <https://doi.org/10.1016/j.ophtha.2014.05.013>
- Thorleifsson, G., Magnusson, K. P., Sulem, P., Walters, G. B., & Gudbjartsson, D. F. (2007). Common Sequence Variants in the LOXL1 Gene Confer Susceptibility to Exfoliation Glaucoma. *Science*, 317(5843), 1393–1397. <https://doi.org/10.1126/science.1144318>
- Trivli, A., Zervou, M. I., Goulielmos, G. N., Spandidos, D. A., & Detorakis, E. T. (2020). Primary open angle glaucoma genetics: The common variants and their clinical associations (Review). *Molecular Medicine Reports*, 22(2), 1103–1110. <https://doi.org/10.3892/mmr.2020.11215>
- Wolfs, R. C. W., Klaver, C. C. W., Ramrattan, R. S., Van Duijn, C. M., Hofman, A., Paulus, J., & De Jong, T. V. M. (1998). Genetic Risk of Primary Open-angle Glaucoma Population-Based Familial Aggregation Study. In *Arch Ophthalmol* (Vol. 116).
- Wu, M., Zhu, X. Y., & Ye, J. (2015). Associations of polymorphisms of LOXL1 gene with primary open-angle glaucoma: a meta-analysis based on 5,293 subjects. *Molecular*

Vision, 21, 165.

<https://pmc.ncbi.nlm.nih.gov/articles/PMC4333729/>

Zhuravleva, A. N., Satybaldyev, A. M., Zinchenko, R. A., Kirillova, M. O., & Kadyshchev, V. V. (2021). Analysis of associations of undifferentiated connective tissue dysplasia with the development of primary open-angle glaucoma. Clinical and genetic aspects. *Vestnik Oftalmologii*, 137(6), 74–80.
<https://doi.org/10.17116/oftalma202113706174>

Zukerman, R., Harris, A., Vercellin, A. V., Siesky, B., Pasquale, L. R., & Ciulla, T. A. (2021). Molecular genetics of glaucoma: Subtype and ethnicity considerations. *Genes*, 12(1), 1–36.
<https://doi.org/10.3390/genes12010055>