

CURRICULUM VITAE

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PUBLICATIONS

A. Articles published in international peer-reviewed journals:

- A1.** Bas A. Y., Koc E., Unal S., Hirfanoglu I. M., Arslan Z., Gundogdu S., Iyigun F., Kale Y., Tanrıverdi S., Mutlu B. vd., "Evaluation of the frequency, risk factors and outcomes of ROP in preterm infants with a BW >1500 g or GA >32 weeks in Türkiye (TR-ROP 2) and medicolegal fears: a Turkish Neonatal Society multicentre study", *British Journal of Ophthalmology*, 2026.
- A2.** Şimşek M., Oral Y., Akdoğan M., Sabaner M. C., Simsek C., "Macular and optic disc vascular densities measured by optical coherence tomography angiography in pediatric patients with different amblyopia types", *BMC Ophthalmology*, vol. 25, no. 1, pp. 2-9, 2025.
- A3.** Karaosmanoğlu C., Yıldız S. H., Akdoğan M., Özdemir Erdoğan M., "Association of CUL4B with the pathogenesis of age-related cataract", *International Ophthalmology*, vol. 44, no. 1, 2024.
- A4.** Özdek Ş., Özdemir H. B., Özen Tunay Z., Bayramoğlu S. E., Alyamaç Sukgen E., Kır N., Koç E., Ekinci D. Y., Sayin N., Ceylan N. A. vd., "Clinical and Demographic Characteristics of Treatment Requiring Retinopathy of Prematurity in Big Premature Infants in Türkiye: Report No. 1 (BIG-ROP Study)", *Ophthalmologica*, vol. 247, pp. 293-303, 2024.
- A5.** Karaca Ç., Akdoğan M., Demirel H. H., Ünal C., "The Effects of Systemic Coenzyme Q10 Treatment on Corneal Histology in Streptozocin-Induced Diabetic Rats", *Ocular Immunology and Inflammation*, vol. 32, no. 6, pp. 905-911, 2024.
- A6.** Simsek M., Oral Y., Inan S., Akdoğan M., Cem Sabaner M., "Comparison of peripapillary vascular density as measured by optical coherence tomography angiography between various types of open-angle glaucoma Comparaison de la densité vasculaire péripapillaire mesurée par tomographie en cohérence optique entre différents types de glaucome à angle ouvert", *Journal Francais d'Ophthalmologie*, vol. 46, no. 9, pp. 1047-1054, 2023.
- A7.** Eroğlu Ö., Balcı A., Gobeka H. H., Efe N., Akdoğan M., Oral A. Y., Doğan M., Özdemir Ç., Kaşıkçı M., Saraçlı S., "Conjunctival Impression Cytology and Tear Film Changes in Sarcoidosis: A Subjective and Objective Diagnosis Study", *Turkish Journal of Ophthalmology*, vol. 53, no. 4, pp. 200-205, 2023.
- A8.** Özdek Ş., Üçgül A. Y., Hartnett M. E., Akdoğan M., Sen P., Bhende M., Besirli C. G., Karacorlu M., Dedania V., Parolini B. vd., "COMBINED HAMARTOMA OF THE RETINA AND RETINAL PIGMENT EPITHELIUM AT PEDIATRIC AGE: Surgical Versus Conservative Approach", *Retina*, vol. 43, no. 2, pp. 338-347, 2023.
- A9.** Güler Kazancı E., Üstündağ Y., Akdoğan M., Yıldırım F., Yalçın Arıkan E., Huysal K., "Red Cell Distribution Width to Platelet Count Ratio Reference Intervals in Premature Infants Beyond the First Week of Life", *Fetal and Pediatric Pathology*, vol. 42, no. 4, pp. 581-588, 2023.
- A10.** Dogan M., Akdoğan M., Sabaner M. C., Gobeka H. H., "Morphological changes in retinochoroidal microvasculature after caffeinated versus decaffeinated coffee consumption", *Photodiagnosis and Photodynamic Therapy*, vol. 40, 2022.
- A11.** Akdoğan M., Dogan M., Beysel S., Gobeka H. H., Sabaner M. C., Oran M., "Optical coherence tomography angiography characteristics of the retinal and optic disc morphology in prolactinoma", *Microvascular Research*, vol. 144, 2022.
- A12.** Eroğlu Ö., Gobeka H. H., Dogan M., Akdoğan M., Balcı A., Kasikci M., "Retinal microvascular morphology versus COVID-19: What to anticipate?", *Photodiagnosis and Photodynamic Therapy*, vol. 39, 2022.
- A13.** Koca S., Bozkurt E., Eroğlu Ö., Yavaşoğlu F., Doğan M., Akdoğan M., "Evaluation of macular and optic disc radial peripapillary vessel density with optical coherence tomography angiography in iron deficiency anemia", *Photodiagnosis and Photodynamic Therapy*, vol. 38, pp. 1-6, 2022.
- A14.** Koca S. B., Akdoğan M., Koca S., "Evaluation of early retinal vascular changes by optical coherence tomography angiography in children with type 1 diabetes mellitus without diabetic retinopathy", *International Ophthalmology*, vol. 42, no. 2, pp. 423-433,

2022.

A15. Doğan M., Akdoğan M., Alizada A., Eroğul Ö., Sabaner M. C., Gobeka H. H., Gülyeşil F. F., Seylan M. A., "Impacts of Camellia sinensis fermentation end-product (black tea) on retinal microvasculature: an updated OCTA analysis", *Journal of the Science of Food and Agriculture*, vol. 101, no. 15, pp. 6265-6270, 2021.

A16. Sabaner M., Duman R., Dogan M., Akdoğan M., Vurmaz A., Bozkurt E., Beysel S., "Do SGLT2 inhibitors prevent preclinical diabetic retinopathy? A Prospective Pilot Optical Coherence Tomography Angiography Study Les inhibiteurs du SGLT2 préviennent-ils la rétinopathie diabétique préclinique ? : une étude pilote prospective sur l'angiographie par tomographie par cohérence optique", *Journal Francais d'Ophthalmologie*, vol. 44, no. 8, pp. 1159-1167, 2021.

A17. Sabaner M. C., Doğan M., Akdoğan M., Karadağ S., Onur I. U., Taşçı A. İ., Yigit F. U., "Evaluation of Retinal and Choroidal Microcirculation Alterations after a Single Dose of Oral 5-mg Tadalafil: A Prospective Pilot Optical Coherence Tomography Angiography Study", *Journal of Ocular Pharmacology and Therapeutics*, vol. 37, no. 7, pp. 421-429, 2021.

A18. Sabaner M. C., Akdoğan M., Doğan M., Oral A. Y., Duman R., Akan T., Bozkurt E., "Inflammatory cytokines, oxidative and antioxidative stress levels in patients with diabetic macular edema and hyperreflective spots", *European Journal of Ophthalmology*, vol. 31, no. 5, pp. 2535-2545, 2021.

A19. Akdoğan M., Ustundag Y., Cevik S. G., Dogan P., Doğan N., "Correlation between systemic immune-inflammation index and routine hemogram-related inflammatory markers in the prognosis of retinopathy of prematurity", *Indian Journal of Ophthalmology*, vol. 69, no. 8, pp. 2182-2187, 2021.

A20. Ertan E., Doğan M., Polat O., Efe N., Akdoğan M., İnan S., Duman R., Duman R., "Switch to aflibercept in the treatment of neovascular age-related macular degeneration: 30-month results", *Arquivos Brasileiros de Oftalmologia*, vol. 84, no. 3, pp. 225-229, 2021.

A21. Sabaner M. C., Doğan M., Akdoğan M., Şimşek M., "Panretinal laser photocoagulation decreases large foveal avascular zone area in non-proliferative diabetic retinopathy: A prospective OCTA study", *Photodiagnosis and Photodynamic Therapy*, vol. 34, 2021.

A22. Doğan M., Akdoğan M., Gülyeşil F. F., Sabaner M. C., Gobeka H. H., "Cigarette smoking reduces deep retinal vascular density", *Clinical and Experimental Optometry*, 2021.

A23. Dogan M., Akdoğan M., Gulyesil F. F., Sabaner M. C., Gobeka H. H., "Cigarette smoking reduces deep retinal vascular density", *Clinical and Experimental Optometry*, vol. 103, no. 6, pp. 838-842, 2020.

A24. Akdoğan M., Cevik S., Şahin Ö., "The safety and effectiveness of 0.16 mg bevacizumab plus or minus additional laser photocoagulation in the treatment of retinopathy of prematurity", *Indian Journal of Ophthalmology*, vol. 67, no. 6, pp. 879-883, 2019.

A25. Akdoğan M., Üstündağ Y., Akdağ A., Neşelioğlu S., Erel Ö., "The thiol-disulfide homeostasis and coenzyme Q10 in conjunction with vitamin e effect on retinopathy prematurity", *Open Ophthalmology Journal*, vol. 13, no. 1, pp. 23-28, 2019.

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A27. Akdoğan M., Öztürk M., "Minimal Surgery Technique in Rhegmatogenous Retinal Detachment", *International journal of medical science and clinical invention*, vol. 5, no. 4, pp. 3747-3751, 2018.

A28. Yasemin U., Akdoğan M., Hakan D., Leyla G., Kagan H., Gorkem C. S., Ayse B., "High density lipoprotein-3 in diabetic retinopathy patients: relationship to total antioxidant capacity and nitric oxide level", *International Eye Science*, vol. 17, no. 12, pp. 2198-2202, 2017.

A29. Akdoğan M., Yasemin U., Huysal K., "The association of hematologic inflammatory markers with atherogenic index in type 2 diabetic retinopathy patients", *Clinical Ophthalmology*, vol. 10, no. 10, pp. 1797-1801, 2016.

A30. Akdoğan M., Budak Y. U., Huysal K., "Urinary 6-sulphatoxymelatonin levels in patients with senile cataracts", *BMC Ophthalmology*, vol. 13, no. 1, pp. 1-4, 2013.

A31. Üstündağ Y., Akdoğan M., Huysal K., "Relationship of PON1 activity and hsCRP concentration with disease status in patients with type 2 diabetes mellitus with and without retinopathy", *international journal of diabetes in developing country*, vol. 1, no. 33, pp. 40-45, 2013.

A32. Budak Y., Demirci H., Akdoğan M., Yavuz D., "Erythrocyte membrane anionic charge in type 2 diabetic patients with retinopathy", *BMC Ophthalmology*, vol. 4, no. 1, pp. 4-14, 2004.

D. Articles published in national peer-reviewed journals:

D1. Eroğul Ö., Gobeka H. H., Akdoğan M., Doğan M., Kaşıkçı M., Çalışkan A., Eryiğit Eroğul L., "Optical Coherence Tomography Angiography Evaluation of Retinochoroidal and Optic Disc Microvascular Morphology in Thyroid Ophthalmopathy", *EUROPEAN EYE RESEARCH*, vol. 2, no. 4, pp. 160-166, 2022.

D2. Akdoğan M., Doğan M., Alizada A., Gobeka H. H., Sabaner M. C., Yavaşoğlu F., "Optical Coherence Tomography Angiographic Assessment of Polycythaemia Vera-Related Retinal Microvascular Morphological Changes: A Cross-Sectional Case-Control Study", *Türkiye Klinikleri Oftalmoloji Dergisi*, vol. 31, no. 3, pp. 152-157, 2022.

D3. Balcı A., Eroğul Ö., Dogan M., Gobeka H. H., Akdoğan M., Oral A., Kasikci M., Eroglu L. E., "Quantitative OCT angiography of the retina and choroid in non-ocular sarcoidosis", *European Review for Medical and Pharmacological Sciences*, 2022.

- D4.** Akdoğan M., Şimşek M., Gobeka H. H., Oral A. Y., "Choroidal Thickness in Primary Open Angle Glaucoma and Pseudoexfoliative Glaucoma: An EDI-OCT Approach", *Türkiye Klinikleri Journal of Ophthalmology*, vol. 30, no. 2, pp. 123-129, 2021.
- D5.** Akdoğan M., Polat O., "Clinical Efficacy of Topical CoQ10 and Vitamin-E Eye-drop in Retinopathy of Prematurity", *Med Hypothesis Discov Innov Ophthalmol.*, vol. 8, no. 4, pp. 291-297, 2019.
- D6.** Akdoğan M., Üstündağ Y., Doğan M., Sabaner M. C., "Comparison of Serum Biochemical and Haematological Analyses in Patients with Age-Related Macular Degeneration and DiabeticRetinopathy", *Journal of Molecular Biology Research*, vol. 9, no. 1, pp. 41-48, 2019.
- D7.** Alizada A., Doğan M., Yozgat Z., Akdoğan M., "ANATOMIC AND VISUAL OUTCOMES OF PRIMARY PNEUMATIC RETINOPEXY FOR RHEGMATOGENOUS RETINAL DETACHMENT", *Oftalmologiya*, vol. 29, no. 1, pp. 9-15, 2019.
- D8.** Çevik S. G., Cevik M., Akdoğan M., "Intravitreal Injection Endophthalmitis Results: Two Different Rooms", *Clinical and Experimental Ocular trauma and Infection*, vol. 1, no. 1, pp. 32-36, 2019.
- D9.** Akdoğan M., "PREMATÜRE RETİNOPATİSİ TEDAVİ SEÇENEKLERİNİN REFRAKSİYON ÜZERİNE ETKİSİ", *Kocatepe Tıp Dergisi*, vol. 20, no. 1, pp. 33-39, 2019.
- D10.** Akdoğan M., Sabaner M. C., Üstündağ Y., Doğan M., Günay Varal İ., "The Possible Role Serum Biochemical Analysis Can Play in Predicting an Infant's Risk of Retinopathy of Prematurity Elevated Serum Magnesium", *Journal of Biosciences and Medicines*, vol. 7, no. 1, pp. 71-82, 2019.
- D11.** Akdoğan M., Demirağ D., Varal İ., Çevik S. G., Üstündağ Y., "Haemogram Parameters in the Development of Retinopathy of Prematurity", *Open journal of ophthalmology*, vol. 8, no. 2, pp. 75-83, 2018.
- D12.** Akdoğan M., Sancar S., Ozcakir E., Kaya M., "An overlooked issue: Eye problems of the cases with esophageal atresia Gözden kaçırılan bir konu: Özofagus atrezili olguların göz kusurları", *Cocuk Cerrahisi Dergisi*, vol. 32, no. 1, pp. 28-32, 2018.
- D13.** Akdoğan M., Akdoğan Kayhan M., Üstündağ Y., "İNTERFERON RETİNOPATİSİ OLGU SUNUMU", *Akademik Gastroenteroloji Dergisi*, vol. 16, no. 2, pp. 78-81, 2017.
- D14.** Üstündağ Y., Akdoğan M., Sancar S., Huysal K., Karaca A., Çınar T., "Comparison of immunoflourometric and immunuturbidimetric methods in CRP determination", *Türk Klinik Biyokimya Dergisi*, vol. 8, no. 1, pp. 9-14, 2010.
- D15.** Üstündağ Y., Huysal K., Karaca A. U., Çınar T., Sancar S., Akdoğan M., "Comparison of Immunofluorometric andImmunuturbidimetric Methods in CRPDetermination", *Türk Klinik Biyokimya Derg*, vol. 8, no. 1, pp. 9-14, 2010.
- D16.** Budak Y. U., Akdoğan M., Huysal K., "Aqueous humor level of sCD44 in patients with degenerative myopia and primary open-angle glaucoma", *BMC Research Notes*, vol. 2, no. 1, pp. 222-224, 2009.
- D17.** Üstündağ Budak Y., Akdoğan M., Demirci H., Şenel S., Yavuz D., Akdoğan M., "Tip 2 Diyabetes Mellitus Hastalarında Retinopati Trombosit Membranı Anyonik Yükü İle İlişkili midir", *Retina-Vitreus*, vol. 12, no. 2, pp. 103-107, 2004.
- D18.** Üstündağ Budak Y., Akdoğan M., Demirci H., Şenel S., Yavuz D., Kosku N., Akdoğan M., "Tip II Diyabetik Hastalarda Retinopati Derecesi ve Serum Siyalik Asit Düzeyi İlişkisi", *Retina-Vitreus*, vol. 11, no. 3, pp. 235-242, 2003.
- D19.** Çınar M., Akdoğan M., Bozkurt D., Şirin F., Griladze H., Akdoğan M., "Parry Romberg Sendromu Bir Olgu Sunumu", *Taksim Eğitim ve Araştırma Hastanesi Tıp dergisi*, vol. 32, no. 3, pp. 42-45, 2002.