

## CURRICULUM VITAE

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## PUBLICATIONS

### A. Articles published in international peer-reviewed journals:

- A1.** Kağa E., Kaga S., Yalcin O., Erguner G. F., Okumuş N., "Fab' Fragment-Immobilized Gold Surface for Capturing EpCAM-Positive Breast Cancer Cells", *Engineering in Life Sciences*, vol. 25, no. 9, 2025.
- A2.** Kağa E., Kaga S., Altunbas K., Okumuş N., "Inhalable Nano Formulation of Cabazitaxel: A Comparative Study with Intravenous Route", *Macromolecular Bioscience*, vol. 25, no. 5, 2025.
- A3.** İbili E., Ölmez M., İbili A. B., Bilal F., Cihan A., Okumuş N., "Assessing the effectiveness and student perceptions of synchronous online flipped learning supported by a metaverse-based platform in medical English education: A mixed-methods study", *Education and Information Technologies*, vol. 29, no. 14, pp. 18643-18673, 2024.
- A4.** Okumuş N., Erdoğan S. F., Doğan H. H., Altıntaş Ö. E., Çelik S., Duman R., Ünlü Ü., "Anti HSV-1 Activity of *Cistus laurifolius* and Development of Antiviral Herbal Lip Balm", *Revista Brasileira de Farmacognosia*, vol. 34, no. 3, pp. 625-636, 2024.
- A5.** Aydın B., Okumuş N., Özkan M. B., Zenciroğlu A., Dilli D., Beken S., "Renal artery flow alterations in neonates with hypoxic ischemic encephalopathy", *Pediatric Nephrology*, vol. 39, no. 4, pp. 1253-1261, 2024.
- A6.** Erdoğan S. F., Altıntaş Ö. E., Demirel H. H., Okumuş N., "Fabrication of wound dressings: Herbal extract-loaded nanoliposomes embedded in fungal chitosan/polycaprolactone electrospun nanofibers for tissue regeneration", *Microscopy Research and Technique*, vol. 87, no. 2, pp. 360-372, 2024.
- A7.** İstifli E. S., Okumuş N., Sarıkürkcü C., Eduardo R. K., Netz P. A., Şihoğlu A., "Comparative docking and molecular dynamics studies of molnupiravir (EIDD-2801): implications for novel mechanisms of action on influenza and SARS-CoV-2 protein targets", *Journal of Biomolecular Structure and Dynamics*, vol. 42, no. 15, pp. 8202-8214, 2024.
- A8.** İbili E., Ölmez M., Cihan A., Bilal F., İbili A. B., Okumuş N., "Investigation of learners' behavioral intentions to use metaverse learning environment in higher education: a virtual computer laboratory", *Interactive Learning Environments*, vol. 32, no. 10, pp. 5893-5918, 2024.
- A9.** Öktem A., Zenciroğlu A., Üner Ç., Aydoğan S., Dilli D., Okumuş N., "Efficiency of Lung Ultrasonography in the Diagnosis and Follow-up of Viral Pneumonia in Newborn", *American Journal of Perinatology*, vol. 40, no. 4, pp. 432-437, 2023.
- A10.** Okumuş N., Demirtürk N., Çetinkaya R. A., Güner R., Avcı İ. Y., Orhan S., Şarlak Konya P., Şaylan B., Karalezli A., Yamanel L. vd., "Evaluation of the effectiveness and safety of adding ivermectin to treatment in severe COVID-19 patients", *BMC Infectious Diseases*, vol. 21, no. 1, pp. 411, 2021.
- A11.** Ustun N., Eyerci N., Karadağ N., Yesilyurt A., Zenciroglu A., Okumuş N., "Association of vitamin D receptor gene FokI and TaqI polymorphisms and risk of RDS", *Journal of Maternal-Fetal and Neonatal Medicine*, vol. 33, no. 21, pp. 3640-3646, 2020.
- A12.** Özmert E. N., Derman O., Bideci A., Okumuş N., Boduroğlu K., Bakkaloğlu S., Hasanoğlu E., Alden E., "Syrian children in Turkey: A model of action for national pediatric societies", *Pediatrics*, vol. 143, no. 2, 2019.
- A13.** Kabataş E. U., Dinlen N. F., Zenciroğlu A., Dilli D., Beken S., Okumuş N., "Relationship between serum 25-hydroxy vitamin D levels and retinopathy of prematurity", *Scottish Medical Journal*, vol. 62, no. 4, pp. 129-135, 2017.
- A14.** Baştürk B., Mercan F., Kapuğasi A., Oğuz F. S., Demirel G. Y., Öktem İ. M. A., Aslan A., Yılmaz S., Okumuş N., Gümüş E., "A 3-year program from the Turkish ministry of health for standardization and service quality improvement of transplant and tissue typing laboratories in Turkey", *Experimental and Clinical Transplantation*, vol. 15, no. 4, pp. 480-482, 2017.
- A15.** Doğan N. N., Dilli D., Fettah Dinlen N., Erdoğan D., Koyuncu E., Zenciroğlu A., Karaman A., Okumuş N., "Congenital chylothorax in a newborn with down syndrome Down sendromlu bir yenidoğanda konjenital şilotoraks", *Haseki Tıp Bulteni*, vol. 55, no. 1, pp. 74-77, 2017.

- A16.** Kundak A. A., Pektaş A., Zenciroğlu A., Özdemir S., Barutçu Ü. B., Orun U. A., Okumuş N., "Do toxic metals and trace elements have a role in the pathogenesis of conotruncal heart malformations?", *Cardiology in the Young*, vol. 27, no. 2, pp. 312-317, 2017.
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- A20.** Ozer P. A., Kabatas E. U., Kurtul B. E., Dilli D., Zenciroglu A., Okumuş N., "A rare cause of retinal artery occlusion in severe hypernatremic dehydration in newborns", *Ophthalmic Surgery Lasers and Imaging Retina*, vol. 47, no. 5, pp. 482-485, 2016.
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- A22.** Kabataş E. U., Dursun A., Beken S., Dilli D., Zenciroğlu A., Okumuş N., "Efficacy of Single Dose Oral Paracetamol in Reducing Pain During Examination for Retinopathy of Prematurity: A Blinded Randomized Controlled Trial", *Indian Journal of Pediatrics*, vol. 83, no. 1, pp. 22-26, 2016.
- A23.** Bekmez S., Beken S., Mermerkaya M. U., Ozkan M., Okumuş N., "Acute forearm compartment syndrome in a newborn caused by reperfusion after spontaneous axillary artery thrombosis", *Journal of Pediatric Orthopaedics Part B*, vol. 24, no. 6, pp. 552-555, 2015.
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- A65.** Hakan N., Eminoglu F. T., Aydın M., Zenciroglu A., Karadag N. N., Dursun A., Okumuş N., Ceylaner S., "Novel CRLF1 gene mutation in a newborn infant diagnosed with Crisponi syndrome", *Congenital Anomalies*, vol. 52, no. 4, pp. 216-218, 2012.
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