

CURRICULUM VITAE

Name and Surname: BERKANT KURBAN
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Area of Expertise: Pharmaceutical Chemistry

Degree	Department/Program	University	Year
Doctorate	Pharmaceutical Chemistry (PhD)	Anadolu University	Continues
Master's Degree	Pharmaceutical Chemistry	Anadolu University	2023
Bachelor's Degree	Pharmacy	Anadolu University	2021

Position Title	Workplace	Year
Research Assistant	Afyonkarahisar Health Sciences University	2022-Continues

PUBLICATIONS**A. Articles published in international peer-reviewed journals:**

- A1.** Eken H., Osmaniye D., Kurban B., Yıldız C., Arslan R., "Novel thiadiazole derivatives: synthesis, in silico, in vitro and in vivo evaluation of analgesic and anti-inflammatory activities", *Bioorganic Chemistry*, vol. 172, 2026.
- A2.** Eken H., Akgöl J., Kurban B., Osmaniye D., "In vivo evaluation of the antinociceptive effects of novel methylsulfonyl group-containing compounds", *Zeitschrift für Naturforschung - Section C Journal of Biosciences*, vol. 80, pp. 563-571, 2025.
- A3.** Kurban B., Osmaniye D., Sağlık Özkan B. N., Levent S., Özkay Y., Kaplancıklı Z. A., "Multi-Target Quinoxaline Derivatives for Alzheimer's Disease: Inhibitory Activities Against AChE and BACE-1 Enzymes", *Polycyclic Aromatic Compounds*, vol. 45, no. 6, pp. 1165-1185, 2025.
- A4.** Kurban B., "Structure-based design, synthesis, and biological activity evaluation of chalcone-piperazine derivatives as dual AChE and MAO B inhibitors", *RSC ADVANCES*, vol. 15, no. 48, pp. 40897-40911, 2025.
- A5.** Evren A. E., Hıdır A., Kurban B., Özkan B. N. S., Levent S., Şahin A., Özkay Y., Gündoğdu-karaburun N., "Latest developments in small molecule analgesics: heterocyclic scaffolds II", *Future Medicinal Chemistry*, vol. 17, no. 19, pp. 2391-2405, 2025.
- A6.** Osmaniye D., Bozkurt N. B., Kurban B., Benli Yardımcı G., Özkay Y., Kaplancıklı Z. A., "Synthesis of Imidazole-2,3-dihydrothiazole Compounds as VEGFR-2 Inhibitors and Their Support with in Silico Studies", *Chemistry and Biodiversity*, vol. 20, no. 9, 2023.
- A7.** Kurban B., Sağlık B. N., Osmaniye D., Levent S., Özkay Y., Kaplancıklı Z. A., "Synthesis and Anticancer Activities of Pyrazole-Thiadiazole-Based EGFR Inhibitors", *ACS Omega*, 2023.
- A8.** Osmaniye D., Karaca Ş., Kurban B., Baysal M., Ahmad I., Patel H., Özkay Y., Asım Kaplancıklı Z., "Design, synthesis, molecular docking and molecular dynamics studies of novel triazolothiadiazine derivatives containing furan or thiophene rings as anticancer agents", *Bioorganic Chemistry*, vol. 122, 2022.
- A9.** Osmaniye D., Kurban B., Sağlık B. N., Levent S., Özkay Y., Kaplancıklı Z. A., "Novel thiosemicarbazone derivatives: In vitro and in silico evaluation as potential mao-b inhibitors", *Molecules*, vol. 26, no. 21, 2021.

D. Articles published in national peer-reviewed journals:

- D1.** Kurban B., Osmaniye D., Sağlık Özkan B. N., Kaplancıklı Z. A., "Investigation of dual AChE/MAO inhibitory activities of new morpholine and piperazine structured compounds", *European Journal of Life Sciences*, vol. 3, no. 2, pp. 55-65, 2024.