

## Res. Asst. ELİF BEYZANUR POLAT

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### Research Areas

Pharmacology and Therapeutics, Professional Sciences, Pharmacology, Health Sciences

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. Sublingual Administration of Teucrium Polium-Loaded Nanofibers with Ultra-Fast Release in the Treatment of Diabetes Mellitus: In Vitro and In Vivo Evaluation**  
POLAT E. B., YAVUZ A. N., Guler E., Ozcan G. S., TAŞKIN T., DURUKSU G., ELÇİOĞLU H. K., YAZIR Y., ÇAM M. E.  
Journal of Pharmaceutical Sciences, vol.113, no.4, pp.1068-1087, 2024 (SCI-Expanded)

### Articles Published in Other Journals

- I. Origanum majorana L. extract effects on kidney tissue in STZ-induced DM rats**  
Cakar A., Aydemir O., Kiyak-Kırmacı H., Polat E. B., Taskın T., Kabasakal L., Elcioglu H. K.  
Journal of research in pharmacy (online), vol.27, no.4, pp.1638-1644, 2023 (ESCI)
- II. The effects of Origanum onites in streptozotocin-induced diabetes mellitus in rats**  
Aydemir O., Polat E. B., Aljesri K., TAŞKIN T., BİTİŞ L., ELÇİOĞLU H. K.  
Journal of Research in Pharmacy, vol.26, no.6, pp.1884-1892, 2022 (ESCI)

### Refereed Congress / Symposium Publications in Proceedings

- I. Preparation, Characterization, and In Vitro Evaluation of Donepezil/Vitamin B12-Loaded Polycaprolactone/Polyvinyl pyrrolidone Fibers Produced by Pressurized Gyration for Treatment of Alzheimer's Disease**  
ONAY İ. N., Polat E. B., ERTAŞ B., ÇAM M. E.  
Applications of Chemistry in Nanosciences and Biomaterials Engineering, Romania, 25 July 2021
- II. The Evaluation of Ultra-Fast Release Teucrium polium-Loaded Nanofibers Produced by Electrospinning in the Treatment of Diabetes Mellitus**  
Polat E. B., YAVUZ A. N., Güler E., ELÇİOĞLU H. K., ÇAM M. E.  
Applications of Chemistry in Nanosciences and Biomaterials Engineering, Romania, 25 July 2021
- III. Metformin and Achiella vermicularis-Loaded Nanofibers on Pancreatic Cancer Cell Line: An In Vitro Study**  
Babazade R., Polat E. B., ERTAŞ B., ÇAM M. E.

