

## Asst. Prof. CEMİL CAN EYLEM

### Personal Information

**Email:** cemilcaneylem@hacettepe.edu.tr

**Web:** <https://avesis.hacettepe.edu.tr/D0899>

### Research Areas

Basic Pharmaceutics Sciences, Pharmacology and Therapeutics, Analytical Chemistry, Health Sciences

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

- I. **Omic Studies on In Vitro Cystinosis Model: siRNA-Mediated CTNS Gene Silencing in HK-2 Cells**  
Baysal İ., YABANOĞLU ÇİFTÇİ S., NEMUTLU E., EYLEM C. C., Gök-Topak E. D., ULUBAYRAM K., KIR S., GÜLHAN B., UÇAR G., ÖZALTIN F., et al.  
Laboratory investigation; a journal of technical methods and pathology, vol.104, no.1, pp.100287, 2024 (SCI-Expanded)
- II. **Manipulating macrophage polarization with nanoparticles to control metastatic behavior in heterotypic breast cancer micro-tissues via exosome signaling**  
Sungu M., Isik M., GÜLER Ü., EYLEM C. C., ESKİZENGİN H., NEMUTLU E., SALİH B., DERKUŞ B.  
Nanoscale, vol.16, no.1, pp.394-410, 2023 (SCI-Expanded)
- III. **Molecular docking, synthesis, anticancer activity, and metabolomics study of boronic acid ester-containing fingolimod derivatives**  
DOYDUK D., DERKUŞ B., Sari B., EYLEM C. C., NEMUTLU E., YILDIRIR Y.  
Archiv der Pharmazie, vol.356, no.12, 2023 (SCI-Expanded)
- IV. **Bioactive and chemically defined hydrogels with tunable stiffness guide cerebral organoid formation and modulate multi-omics plasticity in cerebral organoids**  
Isik M., Okesola B. O., EYLEM C. C., Kocak E., NEMUTLU E., D'Este M., Mata A., DERKUŞ B.  
Acta Biomaterialia, vol.171, pp.223-238, 2023 (SCI-Expanded)
- V. **3D Printing of Extracellular Matrix-Based Multicomponent, All-Natural, Highly Elastic, and Functional Materials toward Vascular Tissue Engineering**  
Isik M., Karakaya E., Arslan T. S., Atila D., ERDOĞAN Y. K., ARSLAN Y. E., ESKİZENGİN H., Eylem C. C., NEMUTLU E., ERCAN B., et al.  
Advanced Healthcare Materials, vol.12, no.20, 2023 (SCI-Expanded)
- VI. **Green Alternatives in Pharmaceutical and Bioanalytical Analysis of TDM Required Drugs: Procainamide**  
Ülgen M., EYLEM C. C., DOĞAN A., Akduman N. E. B.  
Combinatorial Chemistry and High Throughput Screening, vol.26, no.15, pp.2656-2667, 2023 (SCI-Expanded)