

## Res. Asst. DİLARA GÜNDOĞDU

### Personal Information

**Email:** gdilara@metu.edu.tr

**Other Email:** dlaragundogdu@gmail.com

**Web:** <https://avesis.metu.edu.tr/gdilara>

### International Researcher IDs

ScholarID: tLeUzkoAAAAJ

ORCID: 0000-0002-3648-3361

Publons / Web Of Science ResearcherID: AAZ-9627-2020

ScopusID: 57203171862

Yoksis Researcher ID: 226982

### Education Information

Doctorate, Middle East Technical University, Faculty of Arts and Sciences, Department of Chemistry, Turkey 2017 - Continues

### Dissertations

Postgraduate, Effect of film deposition conditions on the properties of multilayers of poly[2-(dimethylamino)ethyl methacrylate-b-poly(2-(diethylamino)ethyl methacrylate)] micelles and poly(sodium 4-styrenesulfonate), Middle East Technical University, Faculty of Arts and Sciences, Department of Chemistry, 2017

### Research Areas

Chemistry, Physical Chemistry

### Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Arts and Sciences, Department of Chemistry, 2015 - Continues

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

- I. Tuning stimuli-responsive properties of alginate hydrogels through layer-by-layer functionalization for dual-responsive dual drug release**  
GÜNDOĞDU D., Alemdar C., Turan C., Hazal Husnugil H. H., BANERJEE S., EREL GÖKTEPE İ.  
Colloids and Surfaces A: Physicochemical and Engineering Aspects, vol.676, 2023 (SCI-Expanded)
- II. Synthesis of poly(2-isopropyl-2-oxazoline)-b-poly(2-phenyl-2-oxazoline)-b-poly(2-isopropyl-2-oxazoline) and its self-assembly into polymersomes: Temperature-dependent aqueous solution behavior**  
Turan C., Terzioglu I., Gündoğdu D., Erel Göktepe İ.

Materials Today Communications, vol.35, 2023 (SCI-Expanded)

**III. The effect of polyacid on the physical and biological properties of chitosan based layer-by-layer films**

Saracogullari N., GÜNDOĞDU D., ÖZDEMİR F. N., SOYER Y., EREL GÖKTEPE İ.

COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS, vol.617, 2021 (SCI-Expanded)

**IV. Preparation of Layer-by-Layer Films with Remarkably Different pH-Stability and Release Properties Using Dual Responsive Block Copolymer Micelles**

Gündoğdu D., Butun V., Erel-Goktepe I.

MACROMOLECULAR CHEMISTRY AND PHYSICS, vol.219, 2018 (SCI-Expanded)

## **Metrics**

Publication: 8

Citation (WoS): 9

Citation (Scopus): 9

H-Index (WoS): 2

H-Index (Scopus): 2