

ÖZGEÇMİŞ VE ESERLER LİSTESİ

ÖZGEÇMİŞ

Adı ve Soyadı: Aslıhan Şengelen
Akademik Unvanı: Dr. Öğr. Üyesi
İş Adresi:
E-postası: 44095414618@biruni.edu.tr

Derece	Bölüm/Program	Üniversite	Yıl
Doktora	MOLEKÜLER BİYOLOJİ VE GENETİK (DR)	İstanbul Üniversitesi	2023
Yüksek Lisans	MOLEKÜLER BİYOLOJİ VE GENETİK (YL) (TEZLİ)	İstanbul Üniversitesi	2016
Lisans	MOLEKÜLER BİYOLOJİ VE GENETİK BÖLÜMÜ	İstanbul Üniversitesi	2014

ESERLER

A. Uluslararası hakemli dergilerde yayımlanan makaleler:

- A1.** Selcan A., Demirhan S., Şengelen A., Oran D. S., Aksüt Y., Yüzbaşıoğlu-öztürk G., Öztürk-gürgen H., Kargı-gemici E., Gülçubuk A., "Prolonged sevoflurane exposure induces exaggerated and persistent cognitive decline in old rats with pre-existing impairment by increasing hippocampal mitochondrial dysfunction and apoptosis", *NeuroToxicology*, vol. 116, 2026.
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- A7.** Yıldırım E., Şengelen A., Yücel O., Aksüt Y., Ögütçü İ., Bayrakçı A., Gencel-güler C., Güneş U., İldeş C., Pekmez M. vd., "Methotrexate-loaded Sr-BDC metal-organic frameworks attenuate glioblastoma and cervical-carcinoma cells and spheroids' growth and motility by reducing the inflammation-EMT axis and inducing apoptosis", *Journal of Drug Delivery Science and Technology*, vol. 111, 2025.
- A8.** Yılmaz M., Şengelen A., Aksüt Y., Palabıyık B., Önay-uçar E., Karaer Uzuner S., "Glucose starvation induces tau phosphorylation leading to cellular stress response in fission yeast", *Archives of Microbiology*, vol. 207, no. 7, 2025.
- A9.** Pekmez M., Mete Ş. B., Aksüt Y., Ögütçü İ., Baştürk F. N., Gerçek Y. C., Şengelen A., "Fatty acid synthase inhibitor cerulenin attenuates glioblastoma progression by reducing EMT and stemness phenotypes, inducing oxidative and ER stress response, and targeting PI3K/AKT/NF-κB axis", *Medical Oncology*, vol. 42, no. 5, 2025.
- A10.** Okutan E., Güleç İ., Şengelen A., Karagöz-güzey F., Eren B., Tufan A., Özcan T. B., Önay-uçar E., "Aloperine treatment attenuates acute spinal cord injury by reducing oxidative, inflammatory, and apoptotic responses via PI3K/AKT/NF-κB signaling in a rat contusion model", *Neuroscience Letters*, vol. 854, 2025.

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