CURRICULUM VITAE AND PUBLICATIONS LIST



CURRICULUM VITAE

Name and Surname: Meryem ARAS

Academic Title: Assistant Professor

Work Address:

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Foreign Languages Known (Score and Year): English, B1 Intermediate, 2020

Area of Expertise: Pharmacology

Degree	Department/Program	University	Year
Doctorate	FARMAKOLOJİ (DR)	İstanbul University	2026
Bachelor's Degree	ECZACILIK PR.	Karadeniz Technical University	2020

Doctoral Thesis/Proficiency Study/Medical Specialization Thesis Title (abstract attached) and Supervisor(s):

SIÇAN TİP 2 DİYABET MODELİNDE GLP-1 RESEPTÖR AGONİSTİ SEMAGLUTİDİN KARDİYOVASKÜLER ETKİLERİNİN DEĞERLENDİRİLMESİ

Position Title	Workplace	Year
Research Assistant Dr.	Biruni University	2024-Continues

Roles in Projects:

1. *Sıçan Tip 2 Diyabet Modelinde GLP-1 Reseptör Agonisti Semaglutidin Kardiyovasküler Etkilerinin Değerlendirilmesi*, Project Supported by Higher Education Institutions, Aras M., 2023-2026.

Memberships in Scientific Organizations:

1. Recognized Scientific Organization (Principal Member) (2022 - Continues)

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

A1. Kaleli Durman D., Aras M., Ruveyda Aktaş G., Sönmez Uydeş Doğan B., "Comparative vasorelaxant effects of atorvastatin and rosuvastatin in rat aorta: investigating the role of perivascular adipose tissue", *Turkish Journal of Medical Sciences*, vol. 55, no. 2, 2025.

B. Papers presented at international scientific meetings and published in proceedings:

B1. Aras M., Aktaş G. R., İpek B. E., Çimen Y. A., Demirci H., Üstünova S., Kaleli Durman D., Evaluation of the Effects of Semaglutide on Myocardial Ischemia/Reperfusion Injury in an Experimental Type 2 Diabetes Model using the Langendorff System,

In: *TURKISH PHARMACOLOGY ASSOCIATION 3rd INTERNATIONAL AND 28th NATIONAL PHARMACOLOGY CONGRESS*, İstanbul, Turkey, 2026, pp. 149-150.

B2. Aras M., Kaleli Durman D., Deneysel tip 2 diyabet modelinde semaglutid'in metabolik etkilerinin incelenmesi, In: *3. Uluslararası Tıp ve Eczacılık Kongresi*, İstanbul, Turkey, 2025, pp. 105-105.

B3. Aktaş G. R., Aras M., Uydeş Doğan B. S., Kaleli Durman D., Investigation of the role of perivascular adipose tissue (PVAT) on vascular relaxant effects of atorvastatin and rosuvastatin on rat aorta, In: *2nd International and 27th National and Pharmacology Congress (TFD 2023),*, Antalya, Turkey, 2023.

B4. Kaleli Durman D., Dereli M. G., Aras M., Civelek E., Uydeş Doğan B. S., Effect of LPS-induced perivascular adipose tissue (PVAT) inflammation on vascular reactivity of isolated rat aorta, In: *91st European Atherosclerosis Society (EAS) Congress*, Mannheim, Germany, 2023.

C. National/international books written or chapters in books:

C2. Chapters in national/international books written:

C2.1. Aras M., Uydeş Doğan B. S., Kaleli Durman D., "GLP-1 RESEPTÖR AGONİSTLERİNİN ADİPOZ DOKU ÜZERİNE ETKİLERİ", *Sağlık & Bilim 2026 Güncel Tıp-I*, Efe Akademi, İstanbul, 2026.

C2.2. Kaleli Durman D., Aras M., Uydeş Doğan B. S., "Mineralo-Kortikoid Reseptör Antagonistleri", *Kalp Yetersizliği ve Tedavisinde Yeni Hedefler.*, Türkiye Klinikleri, Ankara, 2023.

D. Articles published in national peer-reviewed journals:

D1. Kaleli Durman D., Aktaş G. R., Aras M., Uydeş Doğan B. S., "Relaxant Effect of Rosuvastatin in Isolated Rat Aorta with Perivascular Adipose Tissue", *Clinical and Experimental Health Sciences*, vol. 14, no. 4, pp. 1127-1132, 2024.

E. Papers presented at national scientific meetings and published in proceedings:

E1. Taşkın T., Aras M., Keskin N. B., Differential Tail-Flick Response to Tolperisone in Mice Upon Different Intensities of Thermal Stimuli, In: *TURKISH PHARMACOLOGY ASSOCIATION 3rd INTERNATIONAL AND 28th NATIONAL PHARMACOLOGY CONGRESS*, Antalya, Turkey, 2026, pp. 127-128.