

CURRICULUM VITAE

Name and Surname: Yusuf Şeflekçi
Academic Title: Research Assistant
Work Address:
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Area of Expertise: Bioinformatics
Biological Databases
Life Sciences
Molecular Biology and Genetics

Degree	Department/Program	University	Year
Doctorate	MOLEKÜLER BİYOLOJİ VE GENETİK BÖLÜMÜ	Yıldız Technical University	Continues
Master's Degree	GENETİK (YL) (TEZLİ)	İstanbul University	2022
Bachelor's Degree	MOLEKÜLER BİYOLOJİ VE GENETİK BÖLÜMÜ	Istanbul Technical University	2018

Master's Thesis Title (abstract attached) and Thesis Supervisor(s):

Ailevi akdeniz ateşinde kaspaz1 izoformlarının ekspresyon analizi

Position Title	Workplace	Year
Research Assistant	Biruni University	2020-Continues

Roles in Projects:

1. *Genistein'in Kordoma Hücrelerinin Patogenezi Üzerine Etkilerinin Araştırılması*, TUBITAK Project, Şeflekçi Y., Doldur A. (Executive), 2024-2025.
2. *Serotonin (5-HT) hormonunun insanda bulunan serotonin reseptör alt tipi 1A (5-HT1AR) varyantları ile etkileşiminin silico araçlarla analiz edilmesi*, TUBITAK Project, Şeflekçi Y., Çınar R. B. (Executive), Çelik F. N., 2023-2024.
3. *Dapsonun Pirin ve B30.2 domaini ile etkileşiminin in silico analiz ile Ailevi Akdeniz Ateşi (AAA) 'nde terapötik etkisinin araştırılması*, TUBITAK Project, Şeflekçi Y., Işıksal E. N. (Executive), Özgül F., 2022-2023.

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

- A1.** Yavaş C., Nekay E., Abuaisha A., Şeflekçi Y., Turegun K., Turkoğlu Z., Kirsoy E. M., Dogan M., "A rare case of LORICRIN gene c.684dup mutation associated with Vohwinkel syndrome in a Turkish patient, in silico analysis and literature review", *Molecular Biology Reports*, vol. 53, no. 1, 2026.
- A2.** Köseoğlu A. E., Kutnu M., Özgültekin B., Deniz Köseoğlu G., Neziri S., Göç B. İ., Şeflekçi Y., Özdemir Özgentürk N., Ekenoğlu Merdan Y., "Comparing the Interactions of Trichomonas vaginalis/gallinae Legumain-Like Cysteine Protease 1 (LEGU-1) and Human Legumain (LGMN) Protein Sequences with Proton Pump Inhibitor Drugs (Lansoprazole, Omeprazole, and Esomeprazole) by Bioinformatics Analyses", *Acta Parasitologica*, vol. 71, no. 1, 2026.

A3. Köseoğlu A. E., Zerin A., Tunç İ., Şeflekçi Y., Deniz Köseoğlu G., Özgültekin B., Karcıoğlu Batur L., "Comparing the impact of wild type and derived DBP allelic variants detected in the Turkish population on serum vitamin D levels by bioinformatics analysis", *Human Nutrition and Metabolism*, vol. 36, 2024.

A4. Köseoğlu A. E., Özgül F., Işıksal E. N., Şeflekçi Y., Tülümen D., Özgültekin B., Deniz Köseoğlu G., Özyiğit S., Ihlamur M., Ekenoğlu Merdan Y., "In silico discovery of diagnostic/vaccine candidate antigenic epitopes and a multi-epitope peptide vaccine (NaeVac) design for the brain-eating amoeba *Naegleria fowleri* causing human meningitis", *Gene*, vol. 902, 2024.

A5. Coskun F. R., Percin-pacal F., Emrence Z., Ar M. C., Abacı N., Unuvar A., Eskazan A. E., Elverdi T., Salihoglu A., Şeflekçi Y. vd., "Age-related Co-expression of BCOR and BCORL1 mRNA in acute myeloid leukemia", *Clinical Laboratory*, vol. 66, no. 8, pp. 1485-1493, 2020.

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

C2. Chapters in national/international books written:

C2.1. Bashir H., Karabul N. S., Çataltepe S. N., Kırbayır Y., Şeflekçi Y., Ihlamur M., "Beyin Kanserinde Nanoteknoloji Uygulamaları", *Güncel Nöroloji Çalışmaları V*, Akademisyen Yayınevi, İstanbul, 2025.

D. Articles published in national peer-reviewed journals:

D1. Şeflekçi Y., Köseoğlu A. E., Erdoğan Sever R., Işıksal E. N., Özgül F., Ece A., "Design and computational evaluation of a cross-protective multi-epitope vaccine candidate against *Bartonella henselae* and *Bartonella clarridgeiae* pathogens causing the zoonotic cat scratch disease in humans", *Computers in Biology and Medicine*, 2026.

D2. Yavaş C., Şeflekçi Y., Eröz R., "In silico analysis of the whole genome of *Salmonella enterica*: genome assembly and annotation", *Northwestern Medical Journal*, vol. 5, no. 2, pp. 61-76, 2025.

D3. Şeflekçi Y., "Effects of Dietary Fiber in Patients with Type-2 Diabetes Mellitus: A Meta Analysis", *International Journal of Basic and Clinical Studies*, vol. 11, no. 1, 2022.