

## Asst. Prof. Fatih AKDEMİR

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAR-5764-2021

Yoksis Researcher ID: 49812

### Education Information

Post Doctorate, University of Texas Southwestern Medical Center, United States Of America 2006 - 2012

Doctorate, University Of Texas Southwestern Medical Center, Graduate School, Cell Biology, United States Of America 2000 - 2006

Undergraduate, Ihsan Dogramaci Bilkent University, Faculty Of Science, Moleküler Biyoloji Ve Genetik, Turkey 1995 - 2000

### Foreign Languages

English, C2 Mastery

### Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Medical Biology, Life Sciences, Molecular Biology and Genetics, Animal Molecular Genetics, Natural Sciences

### Academic and Administrative Experience

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Ataturk University, Tıp Fakültesi, Temel Tıp Bilimleri, 2017 - 2019

### Courses

#### Undergraduate

Basic Medical Sciences, Medical Biology, Undergraduate, 2022 - 2023, 2021 - 2022

Principles of Nutrition, Undergraduate, 2022 - 2023, 2021 - 2022

Medical Biology, Undergraduate, 2022 - 2023, 2021 - 2022

## Supervised Theses

Akdemir F., İki farklı lipid metabolizması indikatörüne KCNQ geninin yok edilmesinin etkisinin araştırılması, Doctorate, G.BİLGİN(Student), 2020

Akdemir F., Potasyum iyon kanallarının drosophila kalp yetmezliği modelinde test edilmesi, Postgraduate, S.YAZICI(Student), 2018

## Jury Memberships

Doctorate, Doctorate, Atatürk Üniversitesi, December, 2020

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

- I. **Drosophila glucone screening identifies Ck1alpha as a regulator of mammalian glucose metabolism**  
Ugrankar R., Berglund E., Akdemir F., Tran C., Kim M. S., Noh J., Schneider R., Ebert B., Graff J. M.  
NATURE COMMUNICATIONS, vol.6, 2015 (SCI-Expanded)
- II. **Effects of glyphosate on juvenile rainbow trout (*Oncorhynchus mykiss*): Transcriptional and enzymatic analyses of antioxidant defence system, histopathological liver damage and swimming performance**  
Topal A., Atamanalp M., Uçar A., Oruc E., Kocaman E. M., Sulukan E., Akdemir F., Beydemir S., Kılınc N., Erdoğan O., et al.  
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, pp.206-214, 2015 (SCI-Expanded)
- III. **A novel insertion mutation identified in exon 10 of the MEFV gene associated with Familial Mediterranean Fever.**  
Doğan H., Akdemir F., Tasdemir S., Atis O., Diyarbakir E., Yildirim R., Emet M., İkbâl M.  
BMC medical genetics, vol.15, pp.74, 2014 (SCI-Expanded)
- IV. **Effectors of alcohol-induced cell killing in Drosophila**  
Chen P., Tu X., Akdemir F., Chew S. K., Rothenfluh A., Abrams J. M.  
CELL DEATH AND DIFFERENTIATION, vol.19, no.10, pp.1655-1663, 2012 (SCI-Expanded)
- V. **p53 directs focused genomic responses in Drosophila**  
Akdemir F., Christich A., Sogame N., Chapo J., Abrams J. M.  
ONCOGENE, vol.26, no.36, pp.5184-5193, 2007 (SCI-Expanded)
- VI. **Autophagy occurs upstream or parallel to the apoptosome during histolytic cell death**  
Akdemir F., Farkas R., Chen P., Juhasz G., Medved'ova L., Sass M., Wang L., Wang X., Chittaranjan S., Gorski S., et al.  
DEVELOPMENT, vol.133, no.8, pp.1457-1465, 2006 (SCI-Expanded)
- VII. **The apical caspase dronc governs programmed and unprogrammed cell death in Drosophila**  
Chew S., Akdemir F., Chen P., Lu W., Mills K., Daish T., Kumar S., Rodriguez A., Abrams J.  
DEVELOPMENTAL CELL, vol.7, no.6, pp.897-907, 2004 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Circulating glucose levels inversely correlate with Drosophila larval feeding through insulin signaling and SLC5A11**  
Ugrankar R., Theodoropoulos P., Akdemir F., Henne W. M., Graff J. M.  
COMMUNICATIONS BIOLOGY, vol.1, 2018 (ESCI)
- II. **The association of human leukocyte antigen polymorphisms with disease severity and latency period in patients with silicosis**  
Doğan H., Akgün M., Araz Ö., Yılmazel Uçar E., Yörük Ö., Balkan E., Atış Ö., Akdemir F., Acemoğlu H., Pirim İ.  
Multidisciplinary Respiratory Medicine, vol.9, pp.1-6, 2014 (ESCI)

## **Supported Projects**

SAĞSÖZ M. E., OKKAY U., AKDEMİR F., FERAH OKKAY I., DANIŞMAN B., Project Supported by Higher Education Institutions, Workshop on in silico Simulation Techniques in Medical Applications, 2021 - 2022

## **Metrics**

Publication: 9

Citation (WoS): 429

Citation (Scopus): 454

H-Index (WoS): 7

H-Index (Scopus): 7

## **Non Academic Experience**

University of Texas Southwestern Medical Center, Postdoktora