

## Asst. Prof. Fatih AKDEMİR

### Personal Information

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### Education Information

Post Doctorate, University Of Texas Southwestern Medical Center, Graduate School, Turkey 2006 - 2012

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

Undergraduate, İhsan Doğramacı Bilkent Üniversitesi, Fen Fakültesi, Moleküler Biyoloji Ve Genetik, Turkey 1995 - 2000

### Research Areas

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

### Courses

Basic Medical Sciences, Medical Biology, Undergraduate, 2020 - 2021

Principles of Nutrition, Undergraduate, 2020 - 2021

### Advising Theses

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

### Jury Memberships

Doctorate, Doctorate, Atatürk Üniversitesi, December, 2020

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- Drosophila glucone screening identifies Ck1alpha as a regulator of mammalian glucose metabolism**  
UGRANKAR R., BERGLUND E., Akdemir F., TRAN C., KİM M. S. , NOH J., Schneider R., Ebert B., GRAFF J. M.  
NATURE COMMUNICATIONS, vol.6, 2015 (Journal Indexed in SCI)
- 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., AKDEMİR F., Beydemir S., KILINC N., ERDOĞAN O., et al.

- Ecotoxicology and environmental safety, vol.111, pp.206-14, 2015 (Journal Indexed in SCI)
- III. **A novel insertion mutation identified in exon 10 of the MEFV gene associated with Familial Mediterranean Fever.**  
DOĞAN H., AKDEMİR F., Tasdemir S., Atis O., DİYARBAKİR E., Yildirim R., Emet M., Ikbal M.  
BMC medical genetics, vol.15, pp.74, 2014 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- V. **p53 directs focused genomic responses in Drosophila**  
Akdemir F., CHRÍSTÍCH A., SOGAME N., CHAPO J., ABRAMS J. M.  
ONCOGENE, vol.26, no.36, pp.5184-5193, 2007 (Journal Indexed in SCI)
- 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., CHÍTTARANJAN S., GORSKI S., et al.  
DEVELOPMENT, vol.133, no.8, pp.1457-1465, 2006 (Journal Indexed in SCI)
- VII. **The apical caspase dronc governs programmed and unprogrammed cell death in Drosophila**  
CHEW S., Akdemir F., CHEN P., LU W., Mills K., DAÍSH T., KUMAR S., RODRÍGUEZ A., ABRAMS J.  
DEVELOPMENTAL CELL, vol.7, no.6, pp.897-907, 2004 (Journal Indexed in SCI)

## 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 (Journal Indexed in 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., YILMAZEL UÇAR E., YÖRÜK Ö., BALKAN E., ATIŞ Ö., AKDEMİR F., ACEMOĞLU H., PİRİM İ.  
Multidisciplinary Respiratory Medicine, vol.9, pp.1-6, 2014 (Journal Indexed in ESCI)

## Citations

Total Citations (WOS):353

h-index (WOS):6