

## Asst. Prof. ALİ EMRE AKPINAR

### Personal Information

**Email:** eakpinar@cumhuriyet.edu.tr

**Web:** <https://avesis.cumhuriyet.edu.tr/eakpinar>

### International Researcher IDs

ORCID: 0000-0002-9799-3197

ScopusID: 22939941600

Yoksis Researcher ID: 101375

### Research Areas

Natural Sciences

### Academic Titles / Tasks

Research Assistant PhD, Sivas Cumhuriyet University, Fen Fakültesi, Moleküler Biyoloji Ve Genetik Bölümü, 2020 - Continues

Research Assistant, Sivas Cumhuriyet University, Fen Fakültesi, Moleküler Biyoloji Ve Genetik Bölümü, 2017 - 2020

Research Assistant, Ankara University, Institute Of Biotechnology, Department Of Biotechnology, 2007 - 2017

Research Assistant, Sivas Cumhuriyet University, Fen Fakültesi, Moleküler Biyoloji Ve Genetik Bölümü, 2006 - 2007

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

- I. **Eastern Anatolian apples with a unique population structure are genetically different from Anatolian apples**  
Oz M. H., BÜYÜK İ., Akpinar A. E., Ozmen C. Y., Kazan K., Vurgun H., Bacaksiz A., Cukadar K., Unlu H. M., ERGÜL A.  
GENE, vol.723, 2020 (SCI-Expanded)
- II. **Fatty Acids of the Seed Oils of Three Achillea Species**  
Zonuz N., AKPINAR A. E., AKPINAR N., DAĞ Ş., AKPINAR M. A.  
CHEMISTRY OF NATURAL COMPOUNDS, vol.56, no.1, 2020 (SCI-Expanded)
- III. **Total Lipid Content and Fatty Acid Composition of Seeds of Some Wild Achillea Species**  
Zonuz N., AKPINAR N., DÖNMEZ E., Zengin G., AKPINAR A. E., AKPINAR M. A.  
CHEMISTRY OF NATURAL COMPOUNDS, vol.55, no.6, pp.1127-1130, 2019 (SCI-Expanded)
- IV. **Fatty Acid Composition and omega 3/omega 6 Ratios in the Muscle of Wild and Reared Oncorhynchus mykiss**  
AKPINAR N., AKPINAR M. A., GÖRGÜN S., AKPINAR A. E.  
CHEMISTRY OF NATURAL COMPOUNDS, vol.51, no.1, pp.22-25, 2015 (SCI-Expanded)
- V. **Genetic analysis of Anatolian apples (Malus sp.) by simple sequence repeats**  
Burak M., Ergul A., Kazan K., Akcay M. E., Yuksel C., Bakir M., Mutaf F., AKPINAR A. E., Yasasin A. S., Ayanoglu H.  
JOURNAL OF SYSTEMATICS AND EVOLUTION, vol.52, no.5, pp.580-588, 2014 (SCI-Expanded)
- VI. **Wolbachia infection in Trissolcus species (Hymenoptera: Scelionidae)**  
Guz N., Kocak E., AKPINAR A. E., Gurkan M. O., Kilincer A. N.  
EUROPEAN JOURNAL OF ENTOMOLOGY, vol.109, no.2, pp.169-174, 2012 (SCI-Expanded)

- VII. **Fatty acid composition of the seeds of some species of Peucedanum (kral otu) from Turkey**  
AKPINAR N., GÖRGÜN S., AKPULAT H. A., AKPINAR M. A., Aktumsek A., AKPINAR A. E.  
TURKISH JOURNAL OF BIOLOGY, vol.36, no.2, pp.233-237, 2012 (SCI-Expanded)
- VIII. **SSR-based molecular analysis of economically important Turkish apricot cultivars**  
AKPINAR A. E., Kocal H., Ergul A., Kazan K., Selli M. E., Bakir M., Aslantas S., Kaymak S., Saribas R.  
GENETICS AND MOLECULAR RESEARCH, vol.9, no.1, pp.324-332, 2010 (SCI-Expanded)
- IX. **Analysis of clonal variations in cultivated quince (Cydonia oblonga 'Kalecik') based on fruit characteristics and SSR markers**  
Dumanoglu H., Gunes N. T., Aygun A., San B., AKPINAR A. E., Bakir M.  
NEW ZEALAND JOURNAL OF CROP AND HORTICULTURAL SCIENCE, vol.37, no.2, pp.113-120, 2009 (SCI-Expanded)
- X. **A comparative analysis of the fatty acid profiles in the liver and muscles of male and female Salmo trutta macrostigma**  
AKPINAR M. A., GÖRGÜN S., AKPINAR A. E.  
FOOD CHEMISTRY, vol.112, no.1, pp.6-8, 2009 (SCI-Expanded)
- XI. **AFLP analysis of genetic diversity in Turkish green plum accessions (Prunus cerasifera L.) adapted to the Mediterranean region**  
Ayanoglu H., Bayazit S., Inan G., Bakir M., AKPINAR A. E., Kazan K., Erguel A.  
SCIENTIA HORTICULTURAE, vol.114, no.4, pp.263-267, 2007 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Bazı Elma (Malus domestica Borkh.) Genotiplerinin SSR'xlara (Simple Sequence Repeats) Dayalı Genetik Karakterizasyonu**  
AKPINAR A. E., ALTINTAŞ S., Altunok S., Akçay M. E., Karataş M. D., ERGÜL A.  
Gaziosmanpaşa Üniversitesi Ziraat Fakültesi Dergisi, vol.35, no.3, pp.268-277, 2018 (Peer-Reviewed Journal)
- II. **Effect of altitude on fatty acid composition of seed of wild Achillea wilhelmsii C. Koch. subsp. wilhelmsii from Turkey**  
Zonuz N., AKPINAR N., AKPINAR A. E., DÖNMEZ E., AKTÜMSEK A., AKPINAR M. A.  
International Journal of Current Research in Life, vol.7, no.6, pp.2285-2288, 2018 (Peer-Reviewed Journal)
- III. **The fatty acid compositions and  $\omega$ -6/ $\omega$ -3 ratios of the seeds of endemic three Achillea species**  
zonuz N., AKPINAR N., AKPINAR A. E., AKPINAR M. A.  
International Journal of Food and Allied Science, vol.4, no.1, pp.1-5, 2018 (Peer-Reviewed Journal)
- IV. **Gryllus campestris L Orthoptera Gryllidae nin çeşitli gelişim evrelerinde glikojen seviyesindeki değişimler**  
AKPINAR M. A., AKPINAR N., METİN K., AKPINAR A. E., GÖRGÜN S.  
C. Ü. Fen-Edebiyat Fakültesi Fen Dergisi, vol.31, no.2, pp.22-28, 2010 (Peer-Reviewed Journal)
- V. **Influence of dietary fatty acids on the liver fatty acid profile of Oncorhynchus mykiss Walbaum 1792**  
AKPINAR M. A., AKPINAR N., KILINÇ S., AKPINAR A. E., GÖRGÜN S.  
C. Ü. Fen-Edebiyat Fakültesi Fen Dergisi, vol.31, no.2, pp.73-81, 2010 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **The Effect of Tamoxifen's Anticancer Activity on Methylsulfonylmethane ER ( ) Breast Cancer Cell Lines**  
Noyan S., AKPINAR A. E., GÜR DEDEOĞLU B., KARADAĞ A.  
15. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Turkey, 26 October - 31 December 2017
- II. **Genome-Wide Gene Expression Analysis of Hypoxic Human Cardiomyocytes**  
KARADAĞ A., ÖZKAN T., AKPINAR A. E., Dastouri M., DAVIDSON M., ÖZDAĞ H., AKAR A. R., SUNGURUĞLU A.

5th International Congress of the Molecular Biology Association of Turkey (MolBiyokon), 8 - 10 September 2017, vol.1

- III. **Cell Fusion Following Cardiomyocyte and Mesenchymal Stem Cell Co-Culture and Functional Evaluation of Cellular Changes**  
KARADAĞ A., Dastouri M., ÖZKAN T., AKPINAR A. E., Davidson M., ÖZDAĞ H., AKAR A. R., SUNGUROĞLU A.  
III. International Stem Cell Symposium, 4 - 05 May 2017
- IV. **Comparative transcriptional changes in patients with chronic primary mitral regurgitation: Atrial fibrillation versus sinus rhythm**  
Çubukcuoğlu Deniz G., Akpınar A. E., Karadağ A., Doğan Y., Durdu M. S., Özdağ H., Akar A. R.  
41st FEBS Congress, Molecular and Systems Biology for a Better Life, Ephesus/Kuşadası, Turkey, Aydın, Turkey, 3 - 08 September 2016, vol.283, no.1, pp.370
- V. **Comparative genome wide gene expression analyses of primary MSC and MSC lines**  
AKPINAR A. E., KARADAĞ A., ÇUBUKÇUOĞLU DENİZ G., DASTOURI M., DURDU M. S., ÖZDAĞ H., SUNGUROĞLU A., AKAR A. R.  
41st FEBS Congress, Molecular and Systems Biology for a Better Life, Ephesus/Kuşadası, Turkey, September 3-8, 2016, Kuşadası, Turkey, 3 - 08 September 2016, vol.283, pp.142
- VI. **Molecular Characterization of a Sodium Channel Gene From *Spodoptera littoralis***  
AKPINAR A. E., GÜZ N., Hadim N., Gurkan M. O.  
IXth European Congress of Entomology, Budapest, Hungary, 26 August 2010, vol.1, pp.225
- VII. **Insecticide Resistance Status of *Myzus persicae* Populations from Turkey**  
Alptekin S., GÜZ N., VELİOĞLU S., ERDOĞAN C., AKPINAR A. E., Gurkan M. O.  
IXth European Congress of Entomology, Budapest, Hungary, 22 August 2010, vol.1, pp.225
- VIII. **Bazı Elma (*Malus domestica*) Genotiplerinin SSRs (Simple Sequence Repeats)'a Dayalı Genetik Karakterizasyonu**  
AKPINAR A. E., ERGÜL A.  
I. Bioteknoloji Araştırma ve Kariyer Günü, Ankara, Turkey, 25 May 2009, vol.1, pp.1
- IX. ***Salmo trutta macrostigma* Dumeril 1858 eşeylerinin karaciğer ve kas dokusu yağ asidi bileşimi**  
AKPINAR M. A., GÖRGÜN S., AKPINAR A. E.  
19. Ulusal Biyoloji Kongresi, Karadeniz Teknik Üniversitesi, 23-27 Haziran, TRABZON., Turkey, 23 June - 27 July 2008
- X. **Bazı Ayva (*Cydonia oblonga*) Gen Kaynaklarının SSR'a Dayalı Moleküler Analizi**  
AKPINAR A. E., Pektaş M., DEMİRTAŞ İ., Ayanoglu H., ERGÜL A.  
19. Ulusal Biyoloji Kongresi, Trabzon, Turkey, 23 June 2008, vol.1, pp.429
- XI. **Gökkuşığı Alabalığı (*Oncorhynchus mykiss*) Karaciğer Yağ Asitlerine Besinsel Yağ Asitlerinin Etkisi**  
AKPINAR M. A., AKPINAR N., KILINÇ S., AKPINAR A. E.  
18. Ulusal Biyoloji Kongresi, Aydın-Kuşadası, Turkey, 26 June 2006, vol.1, pp.150

## Metrics

Publication: 27

Citation (WoS): 119

Citation (Scopus): 125

H-Index (WoS): 4

H-Index (Scopus): 5

## Non Academic Experience

Università degli Studi di Sassari