

Asst. Prof. Aysel KALAYCI YIĞİN

Personal Information

Email: akyigin@iuc.edu.tr

Education Information

Doctorate, Selçuk Üniversitesi, Sağlık Bilimleri Enstitüsü, Tıbbi Genetik, Turkey 2009 - 2015

Dissertations

Doctorate, Baş-boyun Skuamöz Hücre Karsinomlarında Sitokinler ve İlgili Yolakta Rol Alan Bazı Genlerin Ekspresyonlarının Araştırılması, Selçuk Üniversitesi, Sağlık Bilimleri Enstitüsü, Tıbbi Genetik, 2015

Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Medical Genetics

Academic Titles / Tasks

Assistant Professor, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty Of Medicine, Department Of Internal Medicine, 2018 - Continues

Lecturer PhD, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty Of Medicine, Department Of Internal Medicine, 2016 - 2018

Lecturer, Sakarya Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri, 2013 - 2016

Jury Memberships

Post Graduate, Post Graduate, İstanbul Üniversitesi, September, 2020

Post Graduate, Post Graduate, İstanbul Üniversitesi, September, 2020

Expertise In Medicine, Expertise In Medicine, İstanbul Üniversitesi-Cerrahpaşa, July, 2020

Doctorate, Doctorate, Selçuk Üniversitesi, December, 2019

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

- I. **Anti-inflammatory effects of nobiletin on TLR4/TRIF/IRF3 and TLR9/IRF7 signaling pathways in prostate cancer cells.**
Deveci O., Kaleli S., Onen H., Sarihan M., Guney E., Kalayci Y., Akdogan M.
Immunopharmacology and immunotoxicology, vol.42, pp.93-100, 2020 (Journal Indexed in SCI)
- II. **Investigation of methylation alterations on srd5a2 gene in patients with 5 alpha reductase type 2 enzyme deficiency 5 alfa redüktaz tip 2 enzim eksikliği olan hastalarda srd5a2 geni metilasyon değişikliklerinin araştırılması**
Kirat E., KALAYCI YIĞİN A., Özdemir F., SEVEN M.

- Turkiye Klinikleri Journal of Medical Sciences, vol.40, no.1, pp.68-73, 2020 (Journal Indexed in SCI Expanded)
- III. **The Effect of PAI-1 Gene Variants and PAI-1 Plasma Levels on Development of Thrombophilia in Patients With Klinefelter Syndrome**
ERKAL B., Yigin A. K. , Palanduz S., Dasdemir S., Seven M.
AMERICAN JOURNAL OF MENS HEALTH, vol.12, no.6, pp.2152-2156, 2018 (Journal Indexed in SSCI)
- IV. **Three novel mutations in 20 patients with hereditary spastic paraparesis.**
Duz M. B. , Dasdemir S., Yigin A., Akalin M. A. , Seven M.
Neurological sciences : official journal of the Italian Neurological Society and of the Italian Society of Clinical Neurophysiology, vol.39, no.9, pp.1551-1557, 2018 (Journal Indexed in SCI Expanded)
- V. **Investigation of the effect of flavonoid nobiletin on TLR4 signaling pathway in prostate cancer cell lines**
Ozkan A. D. , Kaleli S., Onen H. I. , Aksoy O., Kaleli H. N. , Guler E. M. , Yigin A., Akdogan M.
FEBS OPEN BIO, vol.8, pp.329, 2018 (Journal Indexed in SCI)
- VI. **Selection of reliable reference genes for qRT-PCR analysis on head and neck squamous cell carcinomas.**
Yigin A. K. , Cora T., ACAR H., KURAR E., KAYIŞ S. A. , ÇOLPAN B., ÖZTÜRK K., Hitit M.
BIOMEDICAL RESEARCH-INDIA, vol.28, no.5, pp.2014-2018, 2017 (Journal Indexed in SCI)
- VII. **Altered Plasma MicroRNA Expression in Patients with Mitral Chordae Tendineae Rupture.**
Bulent V., Kalaycı Y., AKDEMİR R., Tarik A., Akif C., AKSOY M., TATLI E., KILIC H., GUNDUZ H., GUZEL D., et al.
The Journal of heart valve disease, vol.25, pp.580-588, 2016 (Journal Indexed in SCI Expanded)
- VIII. **DNA Repair Gene Polymorphism and the Risk of Mitral Chordae Tendineae Rupture.**
Yigin A., VATAN M. B. , AKDEMİR R., AKSOY M., ÇAKAR M., KILIC H., ERKORKMAZ U., KARACAN K., KALELİ S.
Disease markers, vol.2015, pp.825020, 2015 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Investigation of Copy Number Changes in CYP21A2 Gene By Using MLPA Technique in Patients with Congenital Adrenal Hyperplasia**
Mammadov B., Kalaycı Yiğın A., Özdemir F., Özyayın A., Seven M.
Phoenix Medical Journal, vol.2, no.1, pp.1-10, 2020 (Other Refereed National Journals)
- II. **Y kromozomu mikrolelesyonları ve erkek infertilitesi**
KALAYCI YİĞİN A., Gökçe A.
Androloji Bülteni, vol.18, no.65, pp.126-129, 2016 (Other Refereed National Journals)

Books & Book Chapters

- I. **Kalıtısal Hastalıklar ve Moleküler Sitogenetik**
Kalaycı Yiğın A., Alay M. T.
in: Çocuk Genetik Hastalıkları: Mutagenез, Kanseroğenez ve Teratogenез - 2020, Mehmet Seven, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.37-44, 2020
- II. **Kalıtısal Çocuk Kanseri ve Kanseroğenez**
Akalm İ., Kalaycı Yiğın A.
in: Çocuk Genetik Hastalıkları: Mutagenез, Kanseroğenez ve Teratogenез, Mehmet Seven, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.24-36, 2020
- III. **Meme Hastalıklarına Klinik Genetik Yaklaşım**
Sözer Tokdemir S., Kavasoglu A., Kalaycı Yiğın A., Seven M.
in: MEME HASTALIKLARI KİTABI, Prof. Dr. Zafer Cantürk Prof. Dr. Varol Çelik Prof. Dr. Nilüfer Güler Prof. Dr. Murat Kapkaç Prof. Dr. Ayhan Koyuncu Prof. Dr. Mahmut Müslümanoğlu Prof. Dr. Zafer Utkan, Editor, Güneş Kitabevi, Ankara, pp.1-19, 2012

Refereed Congress / Symposium Publications in Proceedings

- I. **Role of Syndecan Gene in the Pathogenesis of Liver Damage in Radioactive Iodine-131 Therapy**
Yumusak N., Yigin A., Atilgan H., Yigin A., Koca G., Yilmaz R., Korkmaz M.
32nd Annual Congress of the European-Association-of-Nuclear-Medicine (EANM), Barcelona, Spain, 12 - 16 October 2019, vol.46
- II. **A rarely seen 47,XXY/46,XX mosaicism of Klinefelter syndrome: Case report**
Yigin A., Gumus U., Seven M.
51st Conference of the European-Society-of-Human-Genetics (ESHG) in conjunction with the European Meeting on Psychosocial Aspects of Genetics (EMPAG), Milan, Italy, 16 - 19 June 2018, vol.27, pp.1020
- III. **Ring chromosome 18 in a patient with multiple anomalies**
Yigin A., Kaval G., Dasdemir S., Seven M.
50th European-Society-of-Human-Genetics (ESHG) Conference, Copenhagen, Denmark, 27 - 30 May 2017, vol.26, pp.960
- IV. **The effect of PAI-1 Gene Variants on Development of Thrombophilia in Patients with Klinefelter Syndrome**
Erkal B., Dasdemir S., Yigin A., Palanduz S., Seven M.
50th European-Society-of-Human-Genetics (ESHG) Conference, Copenhagen, Denmark, 27 - 30 May 2017, vol.26, pp.957
- V. **Evaluation of Mutations on Exons 2 and 6 of PTEN Gene in Patients with Gastric Cancer**
KALAYCI YIĞİN A., CORA T., Acar H.
40th European Human Genetics Conference, Barcelona, Spain, 31 May - 01 June 2017, pp.1
- VI. **Evaluation of certain protein and phosphoprotein expression levels by using western blot technique in head and neck squamous cell carcinoma**
Yigin A., Cora T.
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.294
- VII. **Evaluation of Activated Signaling Pathways Related to PTEN in Head and Neck Squamose Cell Carcinoma.**
KALAYCI YIĞİN A., Çora T., Öztürk K., Çolpan B.
10th International Otolaryngology and Head & Neck Surgery Congress., Ankara, Turkey, 26 - 28 April 2012, pp.1
- VIII. **Investigation of micronucleus frequency in amniotic cells with advanced maternal age**
Kalayci A., Nami K. N. , Mollalou B. N.
36th FEBS Congress of the Biochemistry for Tomorrows Medicine, Torino, Italy, 25 - 30 June 2011, vol.278, pp.247
- IX. **A case with Prader-Willi phenotype and a de novo t(2;15)(q31;p11)**
CORA T., Acar H., KALAYCI YIĞİN A., Atabek E.
39th European Human Genetics Conference, Nice, France, 16 - 19 June 2007, pp.1

Supported Projects

ÇOKUĞRAŞ H. C. , SEVEN M., KALAYCI YIĞİN A., KILINÇ A. A. , ÜLGER IŞIK D., Project Supported by Higher Education Institutions, Kistik fibrozis taramasında immun reaktif tripsinojenin (IRT) duyarlılığı ve tarama testi pozitif çıkan hastaların CFTR gen değişikliklerinin araştırılması, 2020 - Continues

KALAYCI YIĞİN A., TUBITAK Project, Radyoaktif İyot-131 Tedavisinde Oluşan Karaciğer Hasarının Patogenezinde Sindekan Geninin Rolü., 2016 - Continues

SEVEN M., KALAYCI YIĞİN A., ÖZDEMİR Ö., ÖZEL A., SÖZER TOKDEMİR S., MADAZLI R., Project Supported by Higher Education Institutions, Maternal Kandan Fetal DNA İzolasyonu ile Fetal Anöploidi Tayini, 2017 - 2021

KALAYCI YIĞİN A., SEVEN M., DÖNMEZ H., HİTİT M., SEVEN S., Project Supported by Higher Education Institutions, Medicarpinin Baş-Boyun Skuamöz Hücre Karsinomu Üzerine Etkileri: İn Vitro Çalışma, 2017 - 2019

Kaleli S., Deveci A., Kalayci Yiğın A., Akdoğan M., TUBITAK Project, Prostat Kanseri Hücrelerinde Nobiletin Flavanoidinin

TLR4 Ve TLR9 Reseptörleri Üzerine Etkilerinin İncelenmesi, 2017 - 2019

KALAYCI YİĞİN A., DAŞDEMİR S., SEVEN M., Project Supported by Higher Education Institutions, DİRENÇLİ EPİLEPSİ İLE İLİŞKİLİ İNTERSTİSYEL 5Q143 DELESYON SENDROMU OLGUSU, 2017 - 2017

KALAYCI YİĞİN A., KAVAL G., DAŞDEMİR S., Project Supported by Higher Education Institutions, Ring chromosome 18 in a patient with multiple anomalies, 2017 - 2017

Activities in Scientific Journals

Anka Tıp, Advisory Committee Member, 2020 - Continues

Memberships / Tasks in Scientific Organizations

Tıbbi Genetik Derneği, Member, 2005 - Continues, Turkey

Scientific Refereeing

Biomed Research International. , SCI Journal, March 2018

Citations

Total Citations (WOS):9

h-index (WOS):2