

Lect. PhD SEÇİL DEMİRKOL CANLI

Personal Information

Other Email: secil.demirkol@bilkent.edu.tr

Web: <https://avesis.hacettepe.edu.tr/secil.demirkol>

Biography

Dr. Seçil Demirkol Canlı

Dr. Seçil Demirkol graduated from the Department of Molecular Biology and Genetics at Bilkent University in 2012. She then gained her PhD degree in the same department under the supervision of Dr. Ali Osmay Güre in 2018. After a short post-doc in Güre lab, she joined Molecular Pathology Research and Application Center at Hacettepe University in May 2018. Her current research interests are molecular biomarkers of prognosis and treatment response in cancer.

https://www.researchgate.net/profile/Secil_Demirkol

<https://www.linkedin.com/in/se%C3%A7il-demirkol-55069714b/r>

Research interests

Cancer, prognosis, biomarker, response prediction, EMT

Education Information

Doctorate, Bilkent Üniversitesi, Fen Fakültesi, Moleküler Biyoloji Ve Genetik, Turkey 2012 - 2018

Undergraduate, Bilkent Üniversitesi, Fen Fakültesi, Moleküler Biyoloji Ve Genetik, Turkey 2008 - 2012

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Health&Medicine, Anti-kanser potansiyelli bileşiklerin in vitro değerlendirilmesi, Institute for Biological Research, Belgrad Üniversitesi, Belgrad, Sırbistan, 2016

Health&Medicine, Kanser Biyolojisi için Biyoinformatik Metodlar, Hücre Ölümü Araştırma Derneği, İzmir, 2015

Health&Medicine, Deney Hayvanları Kullanımı, Molekuler Biology and Genetik Bölümü, Bilkent Üniversitesi, Ankara, 2014

Health&Medicine, Meme ve kolon kanser hücreleri için in vitro sferoid modellerinin oluşturulması, Department of Internal Medicine, Division of Oncology, Graz Medical University, Austria, 2013

Dissertations

Doctorate, Prediction of prognosis and chemosensitivity in gastrointestinal cancers, Bilkent Üniversitesi, Fen Fakültesi, Moleküler Biyoloji Ve Genetik, 2017

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences

Academic Titles / Tasks

Lecturer PhD, Hacettepe University, 2018 - Continues

Research Assistant PhD, İhsan Doğramacı Bilkent Üniversitesi, Fen Fakültesi, Moleküler Biyoloji Ve Genetik, 2018 - 2018

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

- I. **Renin angiotensin system genes are biomarkers for personalized treatment of acute myeloid leukemia with Doxorubicin as well as etoposide**
Turk S., Turk C., Akbar M., Kucukkaraduman B., Isbilen M., Demirkol C., Malkan U., Okay M., Ucar G., Sayinalp N., et al.
PLOS ONE, vol.15, no.11, 2020 (Journal Indexed in SCI)
- II. **Evaluation of an aldo-keto reductase gene signature with prognostic significance in colon cancer via activation of epithelial to mesenchymal transition and the p70S6K pathway.**
Demirkol C., Seza E., Sheraj I., Gümçeli I., Turhan N., Carberry S., Prehn J., Güre A., Banerjee S.
Carcinogenesis, vol.41, pp.1219-1228, 2020 (Journal Indexed in SCI)
- III. **A novel 20-gene prognostic score in pancreatic adenocarcinoma**
Canli S., Dedeoglu E., Akbar M. W. , Kucukkaraduman B., Isbilen M., Erdogan O. S. , Erciyas S. K. , YAZICI H., VURAL B., Gure A. O.
PLOS ONE, vol.15, no.4, 2020 (Journal Indexed in SCI)
- IV. **A Sternness and EMT Based Gene Expression Signature Identifies Phenotypic Plasticity and is A Predictive but Not Prognostic Biomarker for Breast Cancer**
Akbar M. W. , Isbilen M., Belder N., Canli S., Kucukkaraduman B., Turk C., Sahin O., Gure A. O.
JOURNAL OF CANCER, vol.11, no.4, pp.949-961, 2020 (Journal Indexed in SCI)
- V. **Opposing roles of the aldo-keto reductases AKR1B1 and AKR1B10 in colorectal cancer.**
TASKOPARAN B., SEZA E., Demirkol S., TUNCER S., STEFEK M., GURE A., BANERJEE S.
Cellular oncology (Dordrecht), vol.40, pp.563-578, 2017 (Journal Indexed in SCI Expanded)
- VI. **A Combined ULBP2 and SEMA5A Expression Signature as a Prognostic and Predictive Biomarker for Colon Cancer.**
Demirkol S., GOMCELI I., ISBILEN M., DAYANC B., TEZ M., BOSTANCI E. Ö. , TURHAN N., AKOGLU M., OZYERLI E., DURDU S., et al.
Journal of Cancer, vol.8, pp.1113-1122, 2017 (Journal Indexed in SCI Expanded)

Books & Book Chapters

- I. **Uygulamaya Yönelik Genetik Bilimci Gözüyle Kanserde Gelecek Öngörülleri**
DEMİRKOL CANLI S., Güre A. O. , Akçay A. G. , Akbar M. W.
in: Kanser Moleküler Biyolojisi, Baran Y, Editor, Kısayol Yayınları, Ankara, pp.519-529, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **Transcriptomic data enabled identification of two novel gene panels for prognostication of proximal and distal colon cancer**
DEMİRKOL CANLI S., İsbilen m., GÜRE A. O.
COST ACTION CA17118, 30 September - 01 October 2019

- II. **A novel transcriptomic based gene panel for the prognostication of pancreatic cancer**
DEMİRKOL CANLI S., GÜRE A. O.
1. International Multidisciplinary Cancer Research Congress, Diyarbakır, Turkey, 18 - 22 September 2019
- III. **Gastrointestinal Kanserlerde Prognoz ve Tedavi Cevabı Tahmini**
DEMİRKOL S., DAYANÇ B. E. , işbilen m., GÜRE A. O.
Kanser Araştırmalarında Güncel Moleküler Yaklaşımlar, Zonguldak, Turkey, 17 October 2018
- IV. **Mikroarray çıktılarının GEO veritabanı ile biyoinformatik analizi Uygulamaya yönelik kanser araştırmalarında transkriptomik temelli in silico yöntemler**
DEMİRKOL S.
Kişiselleştirilmiş Tıp ve Moleküler Tanı Sempozyumu ve Biyoinformatik Analizlerin Bilgisayar Simulasyonu Kursu, Turkey, 27 - 28 September 2018
- V. **Characterization of novel risk predictors in colorectal cancer**
DEMİRKOL S., LINDLER A., CARBERRY S., GÜRE A. O. , PREHN J.
2nd Belgrade Bioinformatics Conference - BelBi 2018, 18 - 22 June 2018

Memberships / Tasks in Scientific Organizations

MOKAD (Moleküler Kanser Araştırma Derneği), Member, 2019 - Continues
Türkiye Moleküler Biyoloji Derneği, Member, 2018 - Continues

Edit Congress and Symposium Activities

Biyoinformatik Forumu - 2019 (Kanserde Kişiyi Özel Yaklaşımlar ve Biyoinformatik), Attendee, Kocaeli, Turkey, 2019
Kişiselleştirilmiş Tıp ve Moleküler Tanı Sempozyumu ve Biyoinformatik analizlerin Bilgisayar Simulasyon Kursu, Invited Speaker, İstanbul, Turkey, 2018
2. Belgrad Biyoinformatik Konferansı, Attendee, Belgrade, Serbia And Montenegro, 2018
COST Aksiyonu CM1407, Attendee, Krakow, Poland, 2017
6. Multidisipliner Kanser Kongresi, Attendee, Konya, Turkey, 2016
Molecular Medicine and Immunology Congress, Attendee, Ankara, Turkey, 2016
COST Aksiyonu CM1407, Attendee, Madrid, Spain, 2016
7th International Symposium on Abdominal Metastatic Cancer, Attendee, Regensburg, Germany, 2015
EMBO-MBD Winter Retreat, Attendee, Ankara, Turkey, 2015

Citations

Total Citations (WOS):9
h-index (WOS):1

Scholarships

TUBITAK-2211 Yurt içi lisansüstü burs programı, TUBITAK, 2012 - Continues
TUBITAK-2205 Yurt içi lisans burs programı, TUBITAK, 2008 - Continues
Kapsamlı Burs, University, 2008 - Continues

Awards

DEMİRKOL CANLI S., 2018 Doktora Başarı Ödülü, Türkiye Moleküler Biyoloji Derneği, September 2018