Assoc. Prof. CEREN SUCULARLI

Personal Information

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Foreign Languages

English, C1 Advanced

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Bioinformatics, Molecular Biology and Genetics

Academic Titles / Tasks

Associate Professor, Hacettepe University, Sağlık Bilimleri Enstitüsü, Biyoinformatik A.B.D., 2020 - Continues

Courses

BİYOLOJİK VERİ TABANLARI, Postgraduate, 2017 - 2018, 2016 - 2017
BİYOİNFORMATİĞE GİRİŞ, Postgraduate, 2017 - 2018, 2016 - 2017
UYGULAMALI VERİ MADENCİLİĞİ, Postgraduate, 2017 - 2018, 2016 - 2017
Genetik Araştırmalarda İstatistiksel Yöntemler, Postgraduate, 2016 - 2017
Seminer, Postgraduate, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Temporal regulation of gene expression and pathways in chemotherapy-induced senescence in HeLa cervical cancer cell line.**
Sucularli C., Şimay Demir Y. D., Özdemir A., Ark M.
Bio Systems, vol.237, pp.105140, 2024 (SCI-Expanded)

II. **Acquired immune resistance is associated with interferon signature and modulation of KLF6/c-MYB transcription factors in myeloid leukemia**
Parveen M., KARAOSMANOĞLU B., SUCULARLI C., ÜNER A., TAŞKIRAN Z. E., ESENDAĞLI G.
European Journal of Immunology, 2024 (SCI-Expanded)

III. **Identification of BRIP1, NSMCE2, ANAPC7, RAD18 and TTL from chromosome segregation gene set associated with hepatocellular carcinoma**
SUCULARLI C.

CANCER GENETICS, vol.268, pp.28-36, 2022 (SCI-Expanded)

IV. **Genetic Analysis of RASD1 as a Candidate Gene for Schizophrenia**
Durmaz C. D., Karabulut H. G., Saka M. C., Sucularlı C., Gümüş Akay G., Atbaşoğlu C., Ilgın Ruhi H.
BALKAN MEDICAL JOURNAL, vol.39, no.6, pp.422-428, 2022 (SCI-Expanded)

V. **The Expression Profile of Protease Inhibitors in the Airway Epithelial Cells after Allergen (Der p 1) Stimulation**
Karaaslan C., KARAGÜZEL D., SARAÇ B. E., SUCULARLI C., AKEL BİLGİÇ H., Kalayci O.
INTERNATIONAL ARCHIVES OF ALLERGY AND IMMUNOLOGY, vol.183, no.1, pp.25-33, 2022 (SCI-Expanded)

VI. **The implication of ROCK 2 as a potential senotherapeutic target via the suppression of the harmful effects of the SASP: Do senescent cancer cells really engulf the other cells?**
Şimay Demir Y. D., Özdemir A., Sucularlı C., Benhür E., Ark M.
Cellular signalling, vol.84, pp.110007, 2021 (SCI-Expanded)

VII. **CHRNA5 belongs to the secondary estrogen signaling network exhibiting prognostic significance in breast cancer**
Shehwana H., Keskus A. G., Ozdemir S. E., Acikgoz A. A., Biyik-Sit R., Cagnan I., Gunes D., Jahja E., Cingir-Koker S., Olmezer G., et al.
CELLULAR ONCOLOGY, vol.44, no.2, pp.453-472, 2021 (SCI-Expanded)

VIII. **RAB25 confers resistance to chemotherapy by altering mitochondrial apoptosis signaling in ovarian cancer cells**
Temel S., Giray A., Karakas B., Gul O., Kozanoglu I., Celik H., Basaga H., Acikbas U., Sucularli C., Oztop S., et al.
APOPTOSIS, vol.25, pp.799-816, 2020 (SCI-Expanded)

IX. **Computational assessment of SKA1 as a potential cancer biomarker**
SUCULARLI C.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.44, no.6, pp.752-760, 2019 (SCI-Expanded)

X. **Preparation and characterization of novel albumin-sericin nanoparticles as siRNA delivery vehicle for laryngeal cancer treatment**
Yalcin E., KARA G., ÇELİK E., Pinarli F. A., Saylam G., SUCULARLI C., Ozturk S., Yilmaz E., Bayir O., Korkmaz M. H., et al.
PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY, 2019 (SCI-Expanded)

XI. **Gene expression data analysis for characterizing shared and type specific mechanisms of HCC and B-CLL**
SUCULARLI C., Toprak U., Arslantas M.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.44, no.1, pp.86-97, 2019 (SCI-Expanded)

XII. **High-throughput gene expression analysis identifies p53-dependent and -independent pathways contributing to the adrenocortical dysplasia (acd) phenotype**
SUCULARLI C., Thomas P., Kocak H., White J. S., O'Connor B. C., Keegan C. E.
GENE, vol.679, pp.219-231, 2018 (SCI-Expanded)

XIII. **Computational prediction and analysis of deleterious cancer associated missense mutations in DYNC1H1**
SUCULARLI C., Arslantas M.
MOLECULAR AND CELLULAR PROBES, vol.34, pp.21-29, 2017 (SCI-Expanded)

XIV. **Functionally conserved effects of rapamycin exposure on zebrafish**
Sucularli C., Shehwana H., Kuscu C., Dungul D. C., Ozdag H., Konu O.
MOLECULAR MEDICINE REPORTS, vol.13, no.5, pp.4421-4430, 2016 (SCI-Expanded)

XV. **Understanding molecular mechanisms with high-throughput analysis and data mining**
SUCULARLI C.
INTERNATIONAL JOURNAL OF MOLECULAR MEDICINE, vol.38, 2016 (SCI-Expanded)

XVI. **Dose- and time-dependent expression patterns of zebrafish orthologs of selected E2F target genes in response to serum starvation/replenishment**
Sucularli C., Senturk S., Ozturk M., Konu O.
MOLECULAR BIOLOGY REPORTS, vol.38, no.6, pp.4111-4123, 2011 (SCI-Expanded)

XVII. **Alternatively spliced Robo2 isoforms in zebrafish and rat**

Dalkic E., Kuscu C., Sucularli C., Aydin I. T., Akcali K. C., Konu O.

DEVELOPMENT GENES AND EVOLUTION, vol.216, no.9, pp.555-563, 2006 (SCI-Expanded)

Articles Published in Other Journals

I. **COMPUTATIONAL IDENTIFICATION OF NOVEL TARGETS FOR DRUG CANDIDATE COMPOUNDS**
SUCULARLI C., Tozkoparan B., Aytac S. P.
Journal of Research in Pharmacy, vol.27, pp.9-12, 2023 (ESCI)

II. **Investigations of Microtubule-associated Protein 2 Gene Expression in Spinal Muscular Atrophy**
BORA G., SUCULARLI C., Hensel N., Claus P., Yurter H. E.
JOURNAL OF PEDIATRIC RESEARCH, vol.6, no.2, pp.148-154, 2019 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

I. **Computational Activity and Target Prediction for Three Novel Triazolothiadiazine Derivatives**
SUCULARLI C., TOZKOPARAN B.
5th International BAU Drug Design Congress, 19 - 21 October 2017

II. **High-throughput gene expression analysis to identify P53-dependent and -independent mechanisms contributing to the acd phenotype**
Sucularli C., Kocak H., Keegan C. E.
European Cancer Congress, Vienna, Austria, 01 January 2015, vol.51

Metrics

Publication: 24
Citation (WoS): 92
Citation (Scopus): 102
H-Index (WoS): 6
H-Index (Scopus): 6