Prof. CEREN ACAR

Personal Information

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International Researcher IDs
ScholarID: OxN2BLwAAAAJ
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Publons / Web Of Science ResearcherID: B-5758-2008
ScopusID: 7101800240
Yoksis Researcher ID: 109500

Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji, Turkey 2000 - 2005
Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Biyoteknoloji, Turkey 1997 - 2000
Undergraduate, Hacettepe University, Fen Fakültesi, Biyoloji , Turkey 1993 - 1997

Foreign Languages

English, C2 Mastery

Dissertations

Doctorate, Kalıtsal Retinal Dejenarasyonların Genetik Analizi, Hacettepe University, Fen Bilimleri Enstitüsü, Biyoloji-Moleküler Biyoloji, 2006
Postgraduate, Glukoz-6-Fosfat Dehidrogenaz Eksikliğinin Moleküler Patolojisinin DNA Dizi Analizi ile Saptanması, Hacettepe University, Fen Bilimleri Enstitüsü, Biyoloji -Biyoteknoloji , 2000

Research Areas

Life Sciences, Molecular Biology and Genetics, Genetic Disorders, Natural Sciences

Academic Titles / Tasks

Professor, Inonu University, Fen-Edebiyat Fakültesi, Moleküler Biyoloji Ve Genetik, 2022 - Continues
Associate Professor, Inonu University, Fen-Edebiyat Fakültesi, Moleküler Biyoloji Ve Genetik, 2017 - 2022
Assistant Professor, Inonu University, Fen-Edebiyat Fakültesi, Moleküler Biyoloji Ve Genetik, 2011 - 2017
Researcher, University of Massachusetts Boston, Tıp Fakültesi , Tıp , 2007 - 2010
Research Assistant PhD, Hacettepe University, Fen Fakültesi, Biyoloji , 2006 - 2007
Research Assistant, Hacettepe University, Fen Fakültesi, Biyoloji , 1998 - 2006

Research Assistant, Ohio State University, İnsan Kanser Genetiği, 2003 - 2003
Research Assistant, University of Michigan, Kellogg Göz Enstitüsü, 2001 - 2002

Academic and Administrative Experience

Inonu University, Fen-Edebiyat Fakültesi , Moleküler Biyoloji Ve Genetik , 2013 - Continues
Deputy Director of the Center, Inonu University, 2013 - 2022
Mevlana Exchange Program Institutional Coordinator, Inonu University, 2018 - 2021
Erasmus Program Institutional Coordinator, Inonu University, Fen-Edebiyat Fakültesi, Moleküler Biyoloji Ve Genetik, 2018 - 2021
Farabi Program Institutional Coordinator, Inonu University, Fen-Edebiyat Fakültesi, Moleküler Biyoloji Ve Genetik, 2018 - 2021
Staj Koordinatörü, Inonu University, Fen-Edebiyat Fakültesi, Moleküler Biyoloji Ve Genetik, 2018 - 2020
Deputy Director of the Center, Inonu University, 2017 - 2020
Inonu University, Fen-Edebiyat Fakültesi , Moleküler Biyoloji Ve Genetik , 2012 - 2016

Courses

ADVANCED RNA BIOLOGY, Undergraduate Double Major, 2021-2022
CELL BIOLOGY I, Undergraduate, 2021-2022
MOLECULAR BASIS OF IMMUNE RESPONSE, Undergraduate Minor, 2021-2022
BİTİRME TEZİ I, Undergraduate, 2021-2022
RNA BIOLOGY, Undergraduate, 2021-2022
IMMUNOLOGY, Undergraduate, 2021-2022
MOLECULAR GENETICS, Undergraduate, 2020-2021
EVOLUTION, Undergraduate, 2020-2021
BİTİRME TEZİ I, Undergraduate, 2020-2021
CELL BIOLOGY II, Undergraduate, 2020-2021
IMMUNOLOGY, Undergraduate, 2020-2021
INTRODUCTION TO OMICS TECHNOLOGIES, Undergraduate, 2020-2021
RNA BIOLOGY, Undergraduate, 2020-2021
PROTEOMICS, Undergraduate Double Major, 2020-2021
BİTİRME TEZİ II, Undergraduate, 2020-2021
ADVANCED CELL BIOLOGY, Undergraduate Double Major, 2020-2021
Proteomics, Postgraduate, 2019 - 2020
CELL BIOLOGY I, Undergraduate, 2020-2021
Hücre Biyolojisi II, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017
Moleküler genetik, Undergraduate, 2018 - 2019, 2016 - 2017
Hücre Biyolojisi Lab II, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017
Bitirme Tezi II, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017
İnsan Genetiği (S), Undergraduate, 2018 - 2019
Hücre Biyolojisi I, Undergraduate, 2018 - 2019, 2017 - 2018
Evrim, Undergraduate, 2017 - 2018, 2016 - 2017
Bitirme Tezi, Undergraduate, 2018-2019
Immunoloji , Undergraduate, 2018 - 2019, 2017 - 2018
Advanced Cell Biology, Undergraduate Double Major, 2018-2019
Cell Biology Lab I, Undergraduate, 2018-2019
RNA Biyolojisi, Undergraduate, 2018 - 2019, 2017 - 2018
Immunology, Undergraduate, 2018-2019

Bitirme Tezi I, Undergraduate, 2018 - 2019, 2017 - 2018
Summer Internship, Undergraduate, 2018-2019
Cell Biology I, Undergraduate, 2018-2019
Genel Biyoloji Lab I, Undergraduate, 2018 - 2019, 2017 - 2018
General Biology Lab I, Undergraduate, 2018-2019
RNA Biology, Undergraduate, 2018-2019
Hücre Biyolojisi Lab I, Undergraduate, 2018 - 2019, 2017 - 2018
Bitirme Tezi, Undergraduate, 2017-2018
Hücre Biyolojisi I, Undergraduate, 2017-2018
RNA Biyolojisi, Undergraduate, 2017-2018
Hücre Biyolojisi Lab I, Undergraduate, 2017-2018
Genel Biyoloji Lab I, Undergraduate, 2017-2018
Immunoloji, Undergraduate, 2017-2018
Bitirme Çalışması II, Undergraduate, 2016-2017
Moleküler Genetik, Undergraduate, 2016-2017
Hücre Biyolojisi II, Undergraduate, 2016-2017
Evrim, Undergraduate, 2016-2017
Hücre Biyolojisi I, Undergraduate, 2016-2017
Hücre Biyolojisi Lab II, Undergraduate, 2016-2017
Genel Biyoloji Lab I, Undergraduate, 2016-2017
Hücre Biyolojisi Lab I, Undergraduate, 2016-2017
RNA Biyolojisi, Undergraduate, 2016-2017
İnsan Genetiği, Undergraduate, 2016-2017
Immunoloji, Undergraduate, 2016-2017
Bitime Çalışması I, Undergraduate, 2016-2017
Molecular Genetics Lab, Undergraduate, 2015-2016
Hücre Biyolojisi Lab I, Undergraduate, 2015-2016
RNA Biyolojisi, Undergraduate, 2015-2016
Genel Biyoloji Lab I, Undergraduate, 2015-2016
İleri RNA Biyolojisi, Postgraduate, 2015 - 2016
CELL BİOLOGY II, Undergraduate, 2015-2016
Mesleki İngilizce III, Undergraduate, 2015-2016
İNSAN GENETİĞİ, Undergraduate, 2015-2016
Hücre Biyolojisi I, Undergraduate, 2015-2016
Bitirme Tezi, Undergraduate, 2015-2016
MBG253 CELL BİO LAB II, Undergraduate, 2015-2016
Moleküler Biyoloji ve Genetiğe Giriş II, Undergraduate, 2015-2016
Mesleki İngilizce III, Undergraduate, 2014-2015
Human Genetics, Undergraduate, 2014-2015
RNA Biyolojisi, Undergraduate, 2014-2015
MBG253 Cell Bio Lab II, Undergraduate, 2014-2015
Proteomics, Undergraduate Double Major, 2014-2015
RNA BİYOLOJİSİ, Undergraduate Double Major, 2014-2015
Cell Biology II, Undergraduate, 2014-2015
İNSAN GENETİĞİ, Undergraduate Double Major, 2014-2015
Moleküler Genetik, Undergraduate, 2014-2015
MBG 209 Mesleki İngilizce III, Undergraduate, 2013-2014
İleri RNA Biyolojisi , Undergraduate Double Major, 2013-2014
MBG 202 Hücre Biyolojisi, Undergraduate, 2013-2014
MBG 153 Genel Biyoloji Laboratuvarı, Undergraduate, 2013-2014
İnsan Genetiği, Undergraduate Double Major, 2013-2014

MBG 104 Genel Biyoloji , Undergraduate, 2012-2013
MBG 153 Genel Biyoloji Laboratuvarı, Undergraduate, 2012-2013
MBG 107 Mesleki İngilizce, Undergraduate, 2012-2013

Advising Theses

Acar C., INVESTIGATION OF THE RELATION OF METHYLATION STATUS OF SYNAPSIN 2 -A GENE ASSOCIATED WITH ABNORMAL PRESYNAPTIC FUNCTION- WITH SCHIZOPHRENIA, Postgraduate, İ.FETTAHOĞLU(Student), 2022
Acar C., EFFECT OF GENE METHYLATION STATUS ON SCHIZOPHRENIA, Postgraduate, E.KARAASLAN(Student), 2022
Acar C., Malatyadaki Tüberküloz Hastalarında Bazı TLR Gen Polimorfizmlerinin Taranması,, Postgraduate, R.Dilara(Student), 2017

Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Hacettepe Üniversitesi, June, 2022
Post Graduate, Post Graduate, İnönü Üniversitesi, June, 2022
Post Graduate, Post Graduate, İnönü Üniversitesi, June, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Muğla Sıtkı Koçman Üniversitesi, January, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Hacettepe Üniversitesi, January, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Hacettepe Üniversitesi, July, 2021
Doctoral Examination, Doctoral Examination, Muğla Sıtkı Koçman Üniversitesi, June, 2021
Post Graduate, Post Graduate, Hacettepe Üniversitesi, June, 2021
Post Graduate, Post Graduate, Hacettepe Üniversitesi, February, 2021
Doctoral Examination, Doctoral Examination, Hacettepe Üniversitesi, January, 2021
Post Graduate, Post Graduate, Hacettepe Üniversitesi, September, 2020
Doctorate, Doctorate, Hacettepe Üniversitesi, July, 2020
Post Graduate, Yüksek Lisans Tez Savunma Jürisi Haziran 2020, Muğla Sıtkı Koçman Üniversitesi Fen Fakültesi Moleküler Biyoloji ve Genetik Bölümü, June, 2020
Appointment to Academic Staff-Assistant Professorship, Muğla Sıtkı Koçman Üniversitesi Dr.Öğr. Üyesi Atama jürisi, Muğla Sıtkı Koçman Üniversitesi, January, 2020
Academic Staff Examination, Araştırma Görevlisi alımı değerlendirme , İnönü Üniversitesi, January, 2020
Post Graduate, Yüksek Lisans Tez Savunma Jürisi 2019 , Muğla Sıtkı Koçman Üniversitesi Fen Fakültesi Moleküler Biyoloji ve Genetik Bölümü, December, 2019
Post Graduate, Yüksek Lisans Tez Savunma Jürisi 2019, Muğla Sıtkı Koçman Üniversitesi Fen Fakültesi Moleküler Biyoloji ve Genetik Bölümü, December, 2019
Appointment to Academic Staff-Assistant Professorship, Dr.Öğr. Üyesi dosya ön değerlendirme komisyonu, İnönü Üniversitesi, August, 2019
Post Graduate, Yüksek LisansTez Savunma Jürisi, Hacettepe Üniversitesi, June, 2018
Doctoral Examination, Doktora Yeterlik Jürisi, İnönü Üniversitesi, September, 2017
Post Graduate, Yüksek LisansTez Savunma Jürisi, İnönü Üniversitesi, July, 2017
Doctorate, Doktora Tezi Savunma , Hacettepe Üniversitesi, June, 2015
Doctorate, Doktora Tez Savunma Jüriliği, Hacettepe Üniversitesi, January, 2013

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Composition of the colon microbiota in the individuals with inflammatory bowel disease and colon cancer**
Acar C., Küçükyıldırım Çelik S., Özdemirel Ö., Erdem Tunçdemir B., Alan S., Mergen H.
FOLIA MICROBIOLOGICA, vol.68, no.3, 2023 (SCI-Expanded)

II. **Matrix metalloproteinase 9 gene-MMP9-DNA methylation status in Turkish schizophrenia patients**
Karaaslan E., Kartalci S., Bag H. G. G., Acar C.
TURKISH JOURNAL OF BIOCHEMISTRY, vol.48, no.1, pp.74-79, 2023 (SCI-Expanded)

III. **Tüberküloz ve TLR Gen Polimorfizmleri Arasındaki İlişki**
Vaizoğlu R. D., ACAR C.
Türk Mikrobiyoloji Cemiyeti Dergisi, vol.49, no.1, pp.1-10, 2019 (SCI-Expanded)

IV. **The association between vitamin D receptor polymorphisms and multiple sclerosis in a Turkish population**
KAMIŞLI Ö., ACAR C., SÖZEN M. M., TECELLİOĞLU M., Yucel F. E., Vaizoglu D., Ozcan C.
MULTIPLE SCLEROSIS AND RELATED DISORDERS, vol.20, pp.78-81, 2018 (SCI-Expanded)

V. **The Novel Synthesized Pyridazinone Derivates Had the Antiproliferative and Apoptotic Effects in SHSY5Y and HEP3B Cancer Cell Line**
ÇİFTÇİ O., ÖZDEMİR Z., ACAR C., SOZEN M., BASAK-TURKMEN N., AYHAN I., GOZUKARA H.
LETTERS IN ORGANIC CHEMISTRY, vol.15, no.4, pp.323-331, 2018 (SCI-Expanded)

VI. **Effects of Electroconvulsive Therapy on Some Inflammatory Factors in Patients With Treatment-Resistant Schizophrenia**
KARTALCI Ş., KARABULUT A. B., ERBAY L. G., ACAR C.
JOURNAL OF ECT, vol.32, no.3, pp.174-179, 2016 (SCI-Expanded)

VII. **An association study of D-amino acid oxidase and D-amino acid oxidase activator polymorphisms and schizophrenia in patients from Turkey**
KARTALCI Ş., Acar C.
ANADOLU PSIKIYATRI DERGISI-ANATOLIAN JOURNAL OF PSYCHIATRY, vol.17, no.5, pp.341-346, 2016 (SCI-Expanded)

VIII. **Identification of a Novel Deletion in AVP-NPII Gene in a Patient with Central Diabetes Insipidus**
DENIZ F., ACAR C., Saglar E., Erdem B., Karaduman T., YONEM A., CAGILTAY E., AY S. A., MERGEN H.
ANNALS OF CLINICAL AND LABORATORY SCIENCE, vol.45, no.5, pp.588-592, 2015 (SCI-Expanded)

IX. **Lack of association between catechol-O-methyltransferase and schizophrenia in a Turkish population**
ACAR C., SÖZEN M. M., GOZUKARA H., ORMAN K., KARTALCI Ş.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.40, no.3, pp.205-209, 2015 (SCI-Expanded)

X. **Early sign of atherosclerosis in slow coronary flow and relationship with angiotensin-converting enzyme I/D polymorphism**
TANRIVERDI H., EVRENGUL H., MERGEN H., Acar C., SELECI D., KURU O., TANRIVERDI S., KAFTAN A.
HEART AND VESSELS, vol.22, no.1, pp.1-8, 2007 (SCI-Expanded)

XI. **The Basis Of The Molecular Pathology In X-Linked Retinitis Pigmentosa: RPGR And RP2 Mutations.**
ACAR C., ONER C., Öğüş A.
Retina-Vitreus, vol.14, no.1, pp.79-81, 2006 (SCI-Expanded)

XII. **Stargardt's disease and retinitis pigmentosa: different phenotypic presentations in the same family**
OZDEK S., ONARAN Z., GURELIK G., BILGIHAN K., Acar C., HASANREISOGLU B.
EYE, vol.19, no.11, pp.1222-1225, 2005 (SCI-Expanded)

XIII. **Genetically heterogeneous selective intestinal malabsorption of vitamin B-12: Founder effects, consanguinity, and high clinical awareness explain aggregations in Scandinavia and the Middle East**
TANNER S., LI Z., BISSON R., Acar C., ONER C., ONER R., CETIN M., ABDELAAL M., ISMAIL E., LISSENS W., et al.
HUMAN MUTATION, vol.23, no.4, pp.327-333, 2004 (SCI-Expanded)

XIV. **Mutation screening of patients with Leber congenital amaurosis or the enhanced S-cone syndrome reveals a lack of sequence variations in the NRL gene**
Acar C., MEARS A., YASHAR B., MAHESHWARY A., ANDREASSON S., BALDI A., SIEVING P., IANNACCONE A.,

MUSARELLA M., JACOBSON S., et al.
MOLECULAR VISION, vol.9, pp.14-17, 2003 (SCI-Expanded)

XV. **A comprehensive mutation analysis of RP2 and RPGR in a North American cohort of families with X-linked retinitis pigmentosa.**
Breuer D., Yashar B., Filippova E., Hiriyanna S., Lyons R., Mears A., Asaye B., Acar C., Vervoort R., Wright A., et al.
American journal of human genetics, vol.70, no.6, pp.1545-54, 2002 (SCI-Expanded)

XVI. **Chronic hemolytic anemia associated with glucose 6-phosphate dehydrogenase (Guadalajara)1 159 C --> T (387 Arg --> Cys) deficiency associated with Gilbert syndrome in a Turkish patient.**
Oner R., Acar C., Oner C., Yenicesu I., Gumruk F., Gurgey A., Altay C.
Pediatric hematology and oncology, vol.19, no.1, pp.39-44, 2002 (SCI-Expanded)

XVII. **A safer and relatively shorter method for Southern blot hybridization analysis**
MERGEN H., Acar C., BIRBEN E., ONER R., ONER C.
JOURNAL OF BIOCHEMICAL AND BIOPHYSICAL METHODS, vol.44, pp.73-76, 2000 (SCI-Expanded)

XVIII. **Molecular characterization of glucose-6-phosphate dehydrogenase deficiency in Turkey**
ONER R., GUMRUK F., Acar C., ONER C., GURGEY A., ALTAY C.
HAEMATOLOGICA, vol.85, no.3, pp.320-321, 2000 (SCI-Expanded)

XIX. **Molecular analysis of Turkish beta-thalassemia heterozygotes with normal Hb A(2) levels**
ONER R., BIRBEN E., Acar C., ONER C., KARA A., GUMRUK F., GURGEY A., ALTAY C.
HEMOGLOBIN, vol.24, no.3, pp.195-201, 2000 (SCI-Expanded)

Articles Published in Other Journals

I. **A case of adult-onset metachromatic leukodystrophy beginning with behavioral symtoms**
Tunalı C. H., Ünal S., Acar C., Sağlar Özer E.
KLINIK PSIKIYATRI DERGISI, vol.26, no.1, pp.69-75, 2023 (ESCI)

II. **Epigenetic Perspective in Schizophrenia: DNA Methylation Patterns**
KARAASLAN E., KARTALCI Ş., ACAR C.
ARSIV KAYNAK TARAMA DERGISI, vol.31, no.3, pp.204-212, 2022 (Peer-Reviewed Journal)

III. **Association of Vitamin D Receptor Polymorphisms to Pulmonary Tuberculosis in Turkish Patients: An Up-to-date Meta-Analysis and A Case-Control Study**
ACAR C., GÖZÜKARA BAĞ H. G., Vaizoğlu R. D.
Flora the Journal of Infectious Diseases and Clinical Microbiology, vol.26, no.3, pp.477-487, 2021 (ESCI)

IV. **Relationship between guanosine triphosphate pathway and tetrahydrobiopterin in gestational diabetes mellitus**
Ünüvar S., Melekoğlu R., Şalva E., Acar C., Yaşar Ş.
Journal of Diabetes & Metabolic Disorders, vol.1, pp.1-6, 2020 (ESCI)

V. **Hunting for molecules in schizophrenia through omics technologies**
ACAR C.
Medicine Science International Medical Journal, vol.9, no.1, pp.270-273, 2020 (Peer-Reviewed Journal)

VI. **Presence of a genetic association between NRG-3 SNP rs17101193 and schizophrenia**
SÖZEN M. M., ACAR C., KARTALCI Ş.
Annals of Medical Research, vol.2020, no.5, pp.1329-1332, 2020 (Peer-Reviewed Journal)

VII. **Lipoid proteinosis and epilepsy: Molecular analysis**
TECELLİOĞLU M., KAMIŞLI Ö., ACAR C., MERGEN H., SÖZEN M. M., KARADUMAN T., SARAÇ G., ERBAY M. F.
Annals of Medical Research, vol.26, no.4, pp.744-747, 2019 (Peer-Reviewed Journal)

VIII. **The association between TLR4 polymorphisms and pulmonary tuberculosis**
Vaizoğlu R. D., GÖZÜKARA BAĞ H. G., ACAR C.
Medicine Science International Medical Journal, vol.8, no.1, pp.158-161, 2019 (Peer-Reviewed Journal)

IX. **Analysis of Vitamin D Receptor Polymorphisms in Patients with Familial Multiple Sclerosis**

Yücel F. E., KAMIŞLI Ö., ACAR C., Sozen M., TECELLİOĞLU M., Ozcan C.
Medical archives (Sarajevo, Bosnia and Herzegovina), vol.72, no.1, pp.58-61, 2018 (Scopus)

X. **Apo E Genotyping İn Tuberculosis Patients From Malatya**
ACAR C., giray kurt a., vaizoğlu d., GÖZÜKARA BAĞ H. G., arıca z., durmaz b., KAYABAŞ Ü., OTLU B.
Turgut Özal Tıp Merkezi Dergisi, vol.22, no.3, pp.180-183, 2015 (Peer-Reviewed Journal)

XI. **MicroRNAs in Tuberculosis: Do They Have A Functional Role In TB?.**
ACAR C., Giray-Kurt A.
MOJ PROTEOMİCS AND BIOINFORMATICS, vol.2, no.1, pp.34-36, 2015 (Peer-Reviewed Journal)

XII. **Schizophrenia:What's DAO and DAOA got to do with it?.**
ACAR C., KARTALCI Ş.
MOJ Proteomics and Bioinformatics, vol.1, no.3, pp.19-21, 2014 (Peer-Reviewed Journal)

XIII. **The Role of Catechol-O-Methyltransferase (COMT) Gene in the Etiopathogenesis of Schizophrenia.**
ACAR C., KARTALCI Ş.
PSİKİYATRİDE GÜNCEL YAKLAŞIMLAR, vol.6, no.3, pp.217-226, 2013 (Peer-Reviewed Journal)

Books & Book Chapters

I. **MOLECULAR GENETIC TECHNIQUES**
Acar C.
in: MOLECULAR CELL BIOLOGY, MURAT ÖZMEN,HİKMET GEÇKİL,ÖZFER YEŞİLADA, Editor, Palme Yayın Dağıtım, Ankara, pp.227-276, 2023

II. **Bölüm 16:Prokaryotlarda Gen İfadesinin Düzenlenmesi**
ACAR C.
in: GENETİK KAVRAMLAR, SİBEL SÜMER, LEYLA AÇIK, MÜNİR TUNCER, Editor, PALME, 2018

III. **17.Bölüm Ökaryotlarda Gen İfadesinin Düzenlenmesi**
Acar C.
in: GENETİK KAVRAMLAR , Sibel Sümer,Leyla Açık,Münir Tuncer, Editor, Palme Yayın Dağıtım, Ankara, pp.1-889, 2018

IV. **Bölüm 21: Genomik, Biyoinformatikve Proteomik**
ACAR C.
in: GENETİK KAVRAMLAR, SİBEL SÜMER, LEYLA AÇIK, MÜNİR TUNCER, Editor, PALME, 2018

V. **Genomları Haritalamak**
ACAR C.
in: GENOMLAR 3, Bardakcı F., Ülger C., Editor, Nobel, Ankara, pp.63-101, 2015

VI. **Genomik ve Proteomik**
ACAR C.
in: GENETİK KAVRAMLAR, Öner C.,Sümer S., Öner R., Öğüş A., Açık L., Editor, Palme Yayın Dağıtım, Ankara, pp.484-516, 2009

VII. **Gen İşlevinin İncelenmesi:Model Organizmalarda Mutasyon Analizi**
ACAR C.
in: Genetik Kavramlar, Öner C.,Sümer S., Öner R., Öğüş A., Açık L., Editor, Palme Yayın Dağıtım, Ankara, pp.516-548, 2009

Refereed Congress / Symposium Publications in Proceedings

I. **COMPOSITIONAL AND FUNCTIONAL DIVERSITY OF COLON MICROBIOTA IN PATIENTS WITH INFLAMMATORY BOWEL DISEASE**
KÜÇÜKYILDIRIM ÇELİK S., Özdemirel H. Ö., ERDEM TUNÇDEMİR B., ALAN S., ACAR C., MERGEN H.
Uluslararası Biyokimya Kongresi 2023, Fethiye, MUĞLA, Turkey, 29 October - 01 November 2023, vol.48

II. **PREDICTION OF MICROBIAL FUNCTIONAL DIFFERENCES IN COLON CANCER PATIENTS BY USING FAPROTAX**
Özdemirel H. Ö., KÜÇÜKYILDIRIM ÇELİK S., ERDEM TUNÇDEMİR B., ACAR C., MERGEN H.
Uluslararası Biyokimya Kongresi 2023, Fethiye, MUĞLA, Turkey, 29 October - 01 November 2023, vol.48

III. **INTRACELLULAR LOCALIZATION AND STRUCTURE OF MUTANT AVP PRECURSOR AGGREGATES IN AUTOSOMOL DOMINANT NEUROHYPOPHYSEAL DIABETES INSIPIDUS**
VAİZOĞLU R. D., ERDEM TUNÇDEMİR B., SAĞLAR ÖZER E., ACAR C., GÜL M., MERGEN H.
Uluslararası Biyokimya Kongresi 2023, Fethiye, MUĞLA, Turkey, 29 October - 01 November 2023, vol.48

IV. **IMMUNOGOLD LABELING OF MUTANT AVP PRECURSORS AT ELECTRON MICROSCOPY**
VAİZOĞLU R. D., ERDEM TUNÇDEMİR B., SAĞLAR ÖZER E., ACAR C., GÜL M., MERGEN H.
Uluslararası Biyokimya Kongresi 2023, Fethiye, MUĞLA, Turkey, 29 October - 01 November 2023, vol.48

V. **"Methylation Status Of The SYN2 Gene In Schizophrenia**
Fettahoğlu İ., Karaaslan E., Kartalcı Ş., Gözükara Bağ H. G., Acar C.
5th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2022), Ankara, Turkey, 23 - 25 November 2022, pp.164

VI. **Şizofrenide MMP9 Metilasyon Patterni Değişiklikleri**
Karaaslan E., Kartalcı Ş., Gözükara Bağ H. G., Sözen M. M., Acar C.
10. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Malatya, Turkey, 17 - 19 December 2021, pp.29

VII. **Şizofrenide MMP9 Metilasyon Patterni Değişiklikleri . 10. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi (pp.29). Malatya, Turkey**
karaaslan e., KARTALCI Ş., GÖZÜKARA BAĞ H. G., SÖZEN M. M., ACAR C.
10. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Turkey, 17 December 2021

VIII. **DETERMINING COLON MICROBIOME IN PATIENTS WITH COLON CANCER**
Küçükyıldırım Çelik S., Acar C., Alan S., Özdemirel H. Ö., Mergen H.
TBS INTERNATIONAL BIOCHEMISTRY CONGRESS 2021 32ND NATIONAL BIOCHEMISTRY CONGRESS, Gaziantep, Turkey, 27 October - 30 November 2021, vol.46, pp.38

IX. **ANALYSIS OF DISULFIDE-LINKED OLIGOMERIZATION OF MUTANT AVP PRECURSORS**
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Acar C., Öğüş A., Project Supported by Higher Education Institutions, Kalıtsal Retinal Hastalıkların ve Glokomla İlgili Genlerin Moleküler Analizi, 2003 - 2006

ACAR C., Project Supported by Other Official Institutions, Türkiyedeki Bazı Genetik Hastalıkların Moleküler Patolojilerinin Araştırılması, 2001 - 2004

Activities in Scientific Journals

İnönü Üniversitesi Sağlık Bilimleri Dergisi, Advisory Committee Member, 2013 - Continues
MOJ Proteomics and Bioinformatics, Committee Member, 2014 - 2018
Turgut Özal Tıp Merkezi Dergisi, Assistant Editor/Section Editor, 2015 - 2015

Memberships / Tasks in Scientific Organizations

Türk Biyokimya Derneği, Member, 1998 - Continues

Scientific Refereeing

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Inonu University, Turkey, September 2022
JOURNAL OF GENE MEDICINE, Journal Indexed in SCI-E, August 2022
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Turkish Journal of Biology, SCI Journal, April 2014
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Tasks In Event Organizations

Acar C., 10.Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Scientific Congress, Turkey, Aralık 2021

Metrics

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Congress and Symposium Activities

TBS International Biochemistry Congress 2021, Attendee, Gaziantep, Turkey, 2021
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International Multidisciplinary Symposium on Drug Research and DevelopmentDRD 2019, Invited Speaker, Malatya, Turkey, 2019
III. Hacettepe Biyoloji ve Uygulamaları Kongresi, Attendee, Ankara, Turkey, 2018
III. Hacettepe Biyoloji ve Uygulamaları Kongresi, Invited Speaker, Ankara, Turkey, 2018
Moleküler Biyoloji ve Genetik Seminer Günleri, Invited Speaker, Malatya, Turkey, 2018
International Eurasian Conference on Biological and Chemical Sciences, Attendee, Ankara, Turkey, 2018
İNÜBAT Bilim Günleri, Invited Speaker, Malatya, Turkey, 2016

Scholarships

Yurtiçi-Yurtdışı Bütünleştirilmiş Doktora Bursu, TUBITAK, 2000 - 2005
Yurtiçi Yüksek Lİsans Bursu, TUBITAK, 1998 - 1999

Awards

ACAR C., Poster Dalında ikincilik ödülü, Türk Nöroloji Derneği, November 2016
ACAR C., EN BAŞARILI ARAŞTIRMA GRUBU, HACETTEPE ÜNİVERSİTESİ, September 2004
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