

## Prof. DEMET CANSARAN DUMAN

### Personal Information

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### International Researcher IDs

ORCID: 0000-0001-5662-2333

Publons / Web Of Science ResearcherID: O-3628-2014

ScopusID: 19639723200

Yoksis Researcher ID: 219049

### Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Biyoloji (Dr), Turkey 2002 - 2007

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), Turkey 1999 - 2002

Undergraduate, Ankara University, Fen Fakültesi, Biyoloji Bölümü, Turkey 1995 - 1999

### Research Areas

Health Sciences, Natural Sciences

### Academic Titles / Tasks

Professor, Ankara University, Biyoteknoloji Enstitüsü, Biyoteknoloji Anabilim Dalı, 2021 - Continues

Associate Professor, Ankara University, Biyoteknoloji Enstitüsü, Biyoteknoloji Anabilim Dalı, 2012 - 2021

Research Assistant, Ankara University, Fen Fakültesi, Biyoloji Bölümü, 1999 - 2007

### Academic and Administrative Experience

Member of the Senate, Ankara University, Biyoteknoloji Enstitüsü, Biyoteknoloji Anabilim Dalı, 2023 - Continues

Director of The Institution, Ankara University, Biyoteknoloji Enstitüsü, Biyoteknoloji Anabilim Dalı, 2023 - Continues

Enstitü Yönetim Kurulu Üyesi, Ankara University, Biyoteknoloji Enstitüsü, Biyoteknoloji Anabilim Dalı, 2023 - Continues

Rectorate Commissioner, Ankara University, Biyoteknoloji Enstitüsü, Biyoteknoloji Anabilim Dalı, 2021 - Continues

Anabilim Dalı Akademik Kurul Üyesi, Ankara University, Biyoteknoloji Enstitüsü, Biyoteknoloji Anabilim Dalı, 2020 - Continues

Bölüm Kalite Komisyonu Başkanı, Ankara University, Biyoteknoloji Enstitüsü, Biyoteknoloji Anabilim Dalı, 2014 - Continues

Birim Kalite Temsilcisi, Ankara University, Biyoteknoloji Enstitüsü, Biyoteknoloji Anabilim Dalı, 2014 - Continues

Rectorate Commissioner, Ankara University, Biyoteknoloji Enstitüsü, Biyoteknoloji Anabilim Dalı, 2013 - 2022

## Courses

Biyoteknoloji ve Biyokimya, Doctorate, 2022 - 2023  
Fungus Biyoteknolojisi ve Uygulama Alanları, Doctorate, 2022 - 2023  
İlaç Endüstrisinde Kalite, GLP, GMP ve Akreditasyon, Doctorate, 2021 - 2022  
Laboratuvar Uygulamalarında Risk Analizi, Doctorate, 2022 - 2023  
TEMEL BİYOTEKNOLOJİK TEKNİKLER, Postgraduate, 2022 - 2023  
TEMEL BİYOTEKNOLOJİ TEKNİKLERİ VE UYGULAMALARI, Doctorate, 2022 - 2023  
LABORATUVAR AKREDİTASYONU (ISO 17025), Doctorate, 2021 - 2022  
Biyoteknoloji ve Biyokimya, Postgraduate, 2021 - 2022  
BİYOTEKNOLOJİ İÇİN MİKROBİYOLOJİ II, Doctorate, 2021 - 2022

## Advising Theses

Cansaran Duman D., Mavidil serotip 4'e karşı oluşturulan DNA aşısının bağışıklama sonrası oluşan yanıtın miRNA profilinin belirlenmesi, Doctorate, Z.Ergun(Student), Continues  
Cansaran Duman D., Meme Kanseri Atranorin'in Ferroptoz Yolağı İle İlişkili Farmasötik Etkinliğinin Belirlenmesi, Postgraduate, M. ENSOY(Student), 2023  
Cansaran Duman D., Usnik asitin meme kanseri üzerindeki etkisinin transkriptomik ve proteomik yaklaşımlar ile belirlenmesi, Doctorate, Ü.Tanman(Student), 2023  
Cansaran Duman D., Determination of The Therapeutic Effect of Vulpinic Acid as a Drug Candidate Molecule in Ovarian Cancer, Postgraduate, B.ÇOLAK(Student), 2023  
Cansaran Duman D., Üçlü negatif meme kanseri alt tiplerinde atranorin küçük molekülünün yanıtı ile ilişkili ceRNA ağının moleküler karakterizasyonunun belirlenmesi, Doctorate, A.HALE(Student), 2023  
Cansaran Duman D., Yumurtalık Kanseri Tedavisinde IL-6R / STAT 3 / PD-L1 Hedefli Lobarik Asit ve Lobarik Asit - Tosilizumab Kombinasyonunun Terapötik Etkinliğinin Belirlenmesi, Postgraduate, I.GADASHLI(Student), 2022  
Cansaran Duman D., Melanom kanseri tedavisinde yenilikçi strateji olarak lobarik asit'in terapötik etkinliğinin belirlenmesi, Postgraduate, H.ABDİRİZAK(Student), 2022  
CANSARAN DUMAN D., Meme kanseri tedavisinde miR-185-5p'nin etkinliğinin proteomik yaklaşımla belirlenmesi, Postgraduate, V.TORUN(Student), 2019  
CANSARAN DUMAN D., Meme kanseri tedavisine yönelik Usnik Asit'e cevap veren miR-185-5p'nin apoptoz yolağı üzerindeki etkisinin moleküler düzeyde araştırılması, Postgraduate, E.DEĞERLİ(Student), 2019  
CANSARAN DUMAN D., Paklitaksel/usnik asit kombinasyonunun meme kanseri hücre hatları üzerine etkisi, Postgraduate, A.BERK(Student), 2017  
CANSARAN DUMAN D., ARAS E. S., Determination of cytotoxic effect of vulpinic acid in breast cancer cell lines and mrna expression levels of apoptotic related genes, Postgraduate, N.KILIÇ(Student), 2016  
CANSARAN DUMAN D., Usnik asit liken sekonder metabolitinin farklı kanser hücre tipleri üzerine etkisinin araştırılması, Postgraduate, A.BERK(Student), 2016  
CANSARAN DUMAN D., ARAS E. S., Hypogymnia physodes liken türünde UV radyasyonları ve Pb+2, Cr+6 kanyonlarının uygulanması sonucunda DNA ve DNA metilasyon modelindeki olası değişimlerin moleküler markörler ile değerlendirilmesi, Postgraduate, R.HAMUTOĞLU(Student), 2013

## Jury Memberships

Associate Professor Exam, Associate Professor Exam, Ankara Üniversitesi, March, 2022  
Associate Professor Exam, Associate Professor Exam, Ankara Üniversitesi, March, 2022

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

- I. **A new therapeutic strategy for luminal A-breast cancer treatment: vulpinic acid as an anti-neoplastic agent induces ferroptosis and apoptosis mechanisms**  
ALKAN A. H., Ensoy M., CANSARAN DUMAN D.  
MEDICAL ONCOLOGY, vol.41, no.9, 2024 (SCI-Expanded)
- II. **Inducing ferroptosis via nanomaterials: a novel and effective route in cancer therapy**  
Ensoy M., Ozturk B. I., CANSARAN DUMAN D., YILMAZER AKTUNA A.  
JPhys Materials, vol.7, no.3, 2024 (SCI-Expanded)
- III. **Study on Cloning and Expression of TNF- $\alpha$  Variants in *E. coli*: Production, Purification, and Interaction with Anti-TNF- $\alpha$  Inhibitors**  
Akcadag G., CANSARAN DUMAN D., ARAS E. S., Ataoglu H.  
PROTEIN AND PEPTIDE LETTERS, no.5, pp.395-408, 2024 (SCI-Expanded)
- IV. **Small Warriors of Nature: Novel Red Emissive Chlorophyllin Carbon Dots Harnessing Fenton-Fueled Ferroptosis for In Vitro and In Vivo Cancer Treatment**  
Kirbas Cilingir E., Besbinar O., Giro L., Bartoli M., Hueso J. L., Mintz K. J., Aydogan Y., Garber J. M., TÜRKTAŞ M., EKİM O., et al.  
SMALL, vol.20, no.18, 2024 (SCI-Expanded)
- V. **Synergized photothermal therapy and magnetic field induced hyperthermia via bismuthene for lung cancer combinatorial treatment.**  
Yilmazer A., Eroglu Z., Gurcan C., Gazzi A., Ekim O., Sundu B., Gokce C., Ceylan A., Giro L., Unal M. A., et al.  
Materials today. Bio, vol.23, pp.100825, 2023 (SCI-Expanded)
- VI. **Strategic and Innovative Roles of lncRNAs Regulated by Naturally-Derived Small Molecules in Cancer Therapy**  
Cansaran Duman D.  
CURRENT MEDICINAL CHEMISTRY, vol.1, no.1, pp.1-2, 2023 (SCI-Expanded)
- VII. **Novel combination treatment of CDK 4/6 inhibitors with PARP inhibitors in triple negative breast cancer cells**  
Guney Eskiler G., ÖZMAN Z., Haciefendi A., CANSARAN DUMAN D.  
Naunyn-Schmiedeberg's Archives of Pharmacology, vol.396, no.5, pp.1031-1041, 2023 (SCI-Expanded)
- VIII. **The Regulation Role of Ferroptosis Mechanism of Anti-Cancer Drugs and Noncoding RNAs**  
Ensoy M., Bumin Z. S., Jama H. A., CANSARAN DUMAN D.  
Current Medicinal Chemistry, vol.30, no.14, pp.1638-1656, 2023 (SCI-Expanded)
- IX. **The molecular mechanisms of vulpinic acid induced programmed cell death in melanoma**  
Yangin S., Cansaran-Duman D., Eskiler G. G., Aras S.  
MOLECULAR BIOLOGY REPORTS, vol.49, no.9, pp.8273-8280, 2022 (SCI-Expanded)
- X. **Macroporous Surgical Mesh from a Natural Cocoon Composite**  
Chen Y., Zang L., Koc-Bilican B., Bilican I., Holland C., CANSARAN DUMAN D., Karaduman T., Colak A., BAYIR Y., HALICI Z., et al.  
ACS SUSTAINABLE CHEMISTRY & ENGINEERING, vol.10, no.18, pp.5728-5738, 2022 (SCI-Expanded)
- XI. **Discovery of protein-based natural hydrogel from the girdle of the 'sea cockroach' Chiton articulatus (Chitonida: Chitonidae)**  
Cakmak E., Koc-Bilican B., Avila-Poveda O. H., Karaduman T., CANSARAN DUMAN D., Williams S. T., Kaya M.  
PEERJ, vol.10, 2022 (SCI-Expanded)
- XII. **Usnic acid-induced programmed cell death in ovarian cancer cells**  
Colak B., CANSARAN DUMAN D., Eskiler G. G., Foldes K., Yangin S.  
RENDICONTI LINCEI-SCIENZE FISICHE E NATURALI, vol.33, no.1, pp.143-152, 2022 (SCI-Expanded)
- XIII. **Newly isolated sporopollenin microcages from Cedrus libani and Pinus nigra as carrier for Oxaliplatin; xCELLigence RTCA-based release assay**  
Mujtaba M., Yilmaz B. A., CANSARAN DUMAN D., AKYÜZ L., Yangin S., KAYA M., Ceter T., Khawar K. M.  
POLYMER BULLETIN, vol.79, pp.519-540, 2022 (SCI-Expanded)
- XIV. **The role of vulpinic acid as a natural compound in the regulation of breast cancer-associated miRNAs**

- CANSARAN DUMAN D., Yangin S., Colak B.  
BIOLOGICAL RESEARCH, vol.54, no.1, 2021 (SCI-Expanded)
- XV. **A proteomic analysis of Pseudevernia furfuracea after exposure to Cr+6 by MALDI-TOF mass spectrometry**  
Ozenoglu-Aydinoglu S., Yildizhan H., CANSARAN DUMAN D.  
3 BIOTECH, vol.11, no.10, 2021 (SCI-Expanded)
- XVI. **Vulpinic acid as a natural compound inhibits the proliferation of metastatic prostate cancer cells by inducing apoptosis**  
CANSARAN DUMAN D., Guney Eskiler G., Colak B., Sozen Kucukkara E.  
MOLECULAR BIOLOGY REPORTS, vol.48, no.8, pp.6025-6034, 2021 (SCI-Expanded)
- XVII. **Effect of Deterpenated Origanum majorana L. Essential Oil on the Physicochemical and Biological Properties of Chitosan/beta-Chitin Nanofibers Nanocomposite Films**  
Fernandez-Marin R., Mujtaba M., CANSARAN DUMAN D., Ben Salha G., Andres Sanchez M. A., Labidi J., Fernandes S. C. M.  
POLYMERS, vol.13, no.9, 2021 (SCI-Expanded)
- XVIII. **Sponge-derived natural bioactive glass microspheres with self-assembled surface channel arrays opening into a hollow core for bone tissue and controlled drug release applications**  
KAYA M., Bilican I., Mujtaba M., Sargin I., Haskoylu M. E., Oner E. T., Zheng K., Boccaccini A. R., CANSARAN DUMAN D., ÖNSES M. S., et al.  
CHEMICAL ENGINEERING JOURNAL, vol.407, 2021 (SCI-Expanded)
- XIX. **In silico prediction of type I PKS gene modules in nine lichenized fungi**  
TÜRKTAŞ ERKEN M., CANSARAN DUMAN D., Tanman U.  
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.35, no.1, pp.376-383, 2021 (SCI-Expanded)
- XX. **The comparison of miRNAs that respond to anti-breast cancer drugs and usnic acid for the treatment of breast cancer**  
CANSARAN DUMAN D., Tanman U., Yangin S., ATAKOL O.  
CYTOTECHNOLOGY, vol.72, no.6, pp.855-872, 2020 (SCI-Expanded)
- XXI. **The expression profiles of apoptosis-related genes induced usnic acid in SK-BR-3 breast cancer cell**  
Ozben R. S., CANSARAN DUMAN D.  
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.39, no.11, pp.1497-1506, 2020 (SCI-Expanded)
- XXII. **miR-185-5p response to usnic acid suppresses proliferation and regulating apoptosis in breast cancer cell by targeting Bcl2**  
Degerli E., Torun V., CANSARAN DUMAN D.  
BIOLOGICAL RESEARCH, vol.53, no.1, 2020 (SCI-Expanded)
- XXIII. **THE PHYSIOLOGICAL AND DNA DAMAGE RESPONSE OF IN THE LICHEN HYPOGYMNA PHYSODES TO UV AND HEAVY METAL STRESS**  
Hamutoolu R., Derici M. K., Aras E. S., Aslan A., CANSARAN DUMAN D.  
APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH, vol.18, no.2, pp.2315-2338, 2020 (SCI-Expanded)
- XXIV. **Determination of Dysregulated miRNA Expression Levels by qRT-PCR after the Application of Usnic Acid to Breast Cancer**  
Tanman U., Yangin S., CANSARAN DUMAN D.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.20, no.5, pp.548-558, 2020 (SCI-Expanded)
- XXV. **Determination of the effect of RBBR on laccase activity and gene expression level of fungi in lichen structure**  
Degerli E., Yangin S., CANSARAN DUMAN D.  
3 BIOTECH, vol.9, no.8, 2019 (SCI-Expanded)
- XXVI. **Production of novel chia-mucilage nanocomposite films with starch nanocrystals; An inclusive biological and physicochemical perspective**  
Mujtaba M., Koc B., Martinez Salaberria A., Ilk S., CANSARAN DUMAN D., AKYÜZ L., ÇAKMAK Y. S., KAYA M., Khawar K. M., Labidi J., et al.  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.133, pp.663-673, 2019 (SCI-Expanded)

- XXVII. **Novel, multifunctional mucilage composite films incorporated with cellulose nanofibers**  
Mujtaba M., AKYÜZ L., Koc B., KAYA M., İlk S., CANSARAN DUMAN D., Salaberria Martinez A., ÇAKMAK Y. S., Labidi J., Boufi S.  
FOOD HYDROCOLLOIDS, vol.89, pp.20-28, 2019 (SCI-Expanded)
- XXVIII. **Determination of Usnic Acid Responsive miRNAs in Breast Cancer Cell Lines**  
Kilic N., Islakoglu Y. O., BÜYÜK İ., GÜR DEDEOĞLU B., CANSARAN DUMAN D.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.19, no.12, pp.1463-1472, 2019 (SCI-Expanded)
- XXIX. **Evaluation of in vitro Anticancer Activity of Vulpinic Acid and its Apoptotic Potential Using Gene Expression and Protein Analysis**  
Kilic N., DERİCİ M. K., BÜYÜK İ., Aydin S. S., Aras S., CANSARAN DUMAN D.  
INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH, vol.52, no.4, pp.626-634, 2018 (SCI-Expanded)
- XXX. **Usnic acid causes apoptotic-like death in *Leishmania major*, *L. infantum* and *L. tropica***  
DERİCİ M. K., CANSARAN DUMAN D., Taylan-Ozkan A.  
3 BIOTECH, vol.8, no.9, 2018 (SCI-Expanded)
- XXXI. **Determination of Vulpinic Acid Effect on Apoptosis and mRNA Expression Levels in Breast Cancer Cell Lines**  
Kilic N., Aras S., CANSARAN DUMAN D.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.18, no.14, pp.2032-2041, 2018 (SCI-Expanded)
- XXXII. **The investigations of thermal behavior, kinetic analysis, and biological activity of trinuclear complexes prepared ONNO-type Schiff bases with nitrito and nitrate mu-bridges**  
ACAR N., ATAKOL O., SOPACI Ş. B., Duman D., Svoboda I., ÖZ S.  
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.127, no.2, pp.1319-1337, 2017 (SCI-Expanded)
- XXXIII. **Changes in apoptosis-related gene expression profiles in cancer cell lines exposed to usnic acid lichen secondary metabolite**  
Dincsoy A. B., Duman D.  
TURKISH JOURNAL OF BIOLOGY, vol.41, no.3, pp.484-493, 2017 (SCI-Expanded)
- XXXIV. **Effects of Lead (Pb) and Cadmium (Cd) Elements on Lipid Peroxidation, Catalase Enzyme Activity and Catalase Gene Expression Profile in Tomato Plants**  
Soydam Aydin S., BÜYÜK İ., Gokce Gunduzer E., Buyuk B. P., KANDEMİR İ., CANSARAN DUMAN D., Aras S.  
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.22, no.4, pp.539-547, 2016 (SCI-Expanded)
- XXXV. ***Cladonia trapezuntica* (Cladoniaceae, lichenized Ascomycota): a robust morphotype of *Pycnothelia papillaria*, a taxonomic study with conservational survey**  
ŞENKARDEŞLER A., CANSARAN DUMAN D., Lokos L., Ahti T.  
TURKISH JOURNAL OF BOTANY, vol.40, no.1, pp.104-111, 2016 (SCI-Expanded)
- XXXVI. **Roles of catalase (CAT) and ascorbate peroxidase (APX) genes in stress response of eggplant (*Solanum melongena* L.) against Cu<sup>+2</sup> and Zn<sup>+2</sup> heavy metal stresses**  
Soydam-Aydin S., BÜYÜK İ., CANSARAN DUMAN D., Aras S.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.187, no.12, 2015 (SCI-Expanded)
- XXXVII. **Application of molecular markers to detect DNA damage caused by environmental pollutants in lichen species**  
CANSARAN DUMAN D., Altunkaynak E., Aslan A., BÜYÜK İ., Aras S.  
GENETICS AND MOLECULAR RESEARCH, vol.14, no.2, pp.4637-4650, 2015 (SCI-Expanded)
- XXXVIII. **Heavy metal accumulation and genotoxicity indicator capacity of the lichen species *Ramalina pollinaria* collected from around an iron steel factory in Karabuk, Turkey**  
CANSARAN DUMAN D., Altunkaynak E., ARAS E. S.  
TURKISH JOURNAL OF BOTANY, vol.38, no.3, pp.477-490, 2014 (SCI-Expanded)
- XXXIX. **Evaluation of different isotherm models, kinetic, thermodynamic, and copper biosorption efficiency of *Lobaria pulmonaria* (L.) Hoffm.**  
Kilic Z., ATAKOL O., Aras S., CANSARAN DUMAN D., Celikkol P., EMREGÜL E.

- JOURNAL OF THE AIR & WASTE MANAGEMENT ASSOCIATION, vol.64, no.1, pp.115-123, 2014 (SCI-Expanded)
- XL. **Biosorption properties of zinc(II) from aqueous solutions by pseudovernia furfuracea (L.) zopf**  
Kilic Z., Atako O., Aras S., CANSARAN DUMAN D., EMREGÜL E.  
Journal of the Air and Waste Management Association, vol.64, no.10, pp.1112-1121, 2014 (SCI-Expanded)
- XLI. **Air-quality biomonitoring: Assessment of genotoxicity of air pollution in the Province of Kayseri (Central Anatolia) by use of the lichen Pseudovernia furfuracea (L.) Zopf and amplified fragment-length polymorphism markers**  
Vardar C., Basaran E., CANSARAN DUMAN D., Aras S.  
MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, vol.759, pp.43-50, 2014 (SCI-Expanded)
- XLII. **Genotoxic effect of cadmium in okra seedlings: Comperative investigation with population parameters and molecular markers**  
Aydin S. S., Basaran E., CANSARAN DUMAN D., Aras S.  
JOURNAL OF ENVIRONMENTAL BIOLOGY, vol.34, no.6, pp.985-990, 2013 (SCI-Expanded)
- XLIII. **Accumulation of Trace Elements and the Assessment of the Genotoxicity in the Lichen Pseudovernia furfuracea Transplanted to a Polluted Site in Ankara**  
CANSARAN DUMAN D., Aras S., ATAKOL O., Atasoy I.  
EKOLOJİ, vol.21, no.85, pp.1-14, 2012 (SCI-Expanded)
- XLIV. **Study on accumulation ability of two lichen species Hypogymnia physodes and Usnea hirta at iron-steel factory site, Turkey**  
Cansaran-Duman D.  
JOURNAL OF ENVIRONMENTAL BIOLOGY, vol.32, no.6, pp.839-844, 2011 (SCI-Expanded)
- XLV. **Assessment of air pollution genotoxicity by RAPD in Evernia prunastri L. Ach. from around iron-steel factory in Karabuk, Turkey**  
Cansaran-Duman D., ATAKOL O., Aras S.  
JOURNAL OF ENVIRONMENTAL SCIENCES, vol.23, no.7, pp.1171-1178, 2011 (SCI-Expanded)
- XLVI. **Evaluation of genotoxicity of Pseudovernia furfuracea (L.) Zopf by RAPD analysis**  
Aras S., Beyaztas T., Cansaran-Duman D., Gokce-Gunduzer E.  
GENETICS AND MOLECULAR RESEARCH, vol.10, no.4, pp.3760-3770, 2011 (SCI-Expanded)
- XLVII. **Antimicrobial Activities of the Lichens Hypogymnia vittata, Hypogymnia physodes and Hypogymnia tubulosa and HPLC Analysis of their Usnic Acid Content**  
Cansaran-Duman D., ÇETİN D., Simsek H., Coplu N.  
ASIAN JOURNAL OF CHEMISTRY, vol.22, no.8, pp.6125-6132, 2010 (SCI-Expanded)
- XLVIII. **Assessment of air pollution genotoxicity by molecular markers in the exposed samples of Pseudovernia furfuracea (L.) Zopf in the province of Kayseri (Central Anatolia)**  
Aras S., Kanlitez C., Cansaran-Duman D., Halici M. G., Beyaztas T.  
JOURNAL OF ENVIRONMENTAL MONITORING, vol.12, no.2, pp.536-543, 2010 (SCI-Expanded)
- XLIX. **Heavy Metal Accumulation in Pseudovernia furfuracea (L.) Zopf from the Karabuk Iron-Steel Factory in Karabuk, Turkey**  
Cansaran-Duman D., ATAKOL O., Atasoy I., KAHYA N. D., Aras S., Beyaztas T.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.64, no.9-10, pp.717-723, 2009 (SCI-Expanded)
- L. **Genetic relationships among some Hesperis L. (Brassicaceae) species from Turkey assessed by RAPD analysis**  
Aras S., DURAN A., Yenilmez G., Duman D.  
AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.8, no.14, pp.3128-3134, 2009 (SCI-Expanded)
- LI. **Lichen records from Sariçiçek mountain in southern Giresun Province, Turkey**  
CANSARAN DUMAN D., Yurdakulol E.  
Turkish Journal of Botany, vol.31, no.4, pp.357-365, 2007 (SCI-Expanded)
- LII. **Resolving genetic relationships in manna group of lichens from genus Aspicilia**  
Aras S., Cansaran D., Turk A. O., Kandemir İ., Candan M.

AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.6, no.9, pp.1154-1160, 2007 (SCI-Expanded)

- LIII. **HPLC analysis of usnic acid in some Ramalina species from anatolia and investigation of their antimicrobial activities**  
Cansaran D., Atakol O., Halici M. G., AKSOY A.  
Pharmaceutical Biology, vol.45, no.1, pp.77-81, 2007 (SCI-Expanded)
- LIV. **Phylogenetic relations of Rhizoplaca Zopf. from Anatolia inferred from ITS sequence data**  
Cansaran D., Aras S., Kandemir İ., Halici M. G.  
ZEITSCHRIFT FÜR NATURFORSCHUNG C-A JOURNAL OF BIOSCIENCES, vol.61, no.5-6, pp.405-412, 2006 (SCI-Expanded)
- LV. **Determination of usnic acid in some Rhizoplaca species from middle Anatolia and their antimicrobial activities**  
Cansaran D., Cetin D., Halici M., Atakol O.  
Zeitschrift für Naturforschung - Section C Journal of Biosciences, vol.61, no.1-2, pp.47-51, 2006 (SCI-Expanded)
- LVI. **Identification and quantitation of usnic acid from the lichen Usnea species of anatolia and antimicrobial activity**  
Cansaran D., KAHYA N. D., Yurdakulol E., Atakol O.  
Zeitschrift für Naturforschung - Section C Journal of Biosciences, vol.61, no.11-12, pp.773-776, 2006 (SCI-Expanded)
- LVII. **RAPD analysis of genetic relations between Buzgulu grape cultivars (Vitis vinifera) grown in different parts of Turkey**  
Aras S., Polat J., Cansaran D., SÖYLEMEZOĞLU G.  
ACTA BIOLOGICA CRACOVIENSIA SERIES BOTANICA, vol.47, no.2, pp.77-82, 2005 (SCI-Expanded)

## Articles Published in Other Journals

- I. **In vitro Anti-proliferative Effect of Some Asparagus Taxa on Colon Cancer Cell Lines**  
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Cansaran Duman D., Büyük İ., Aras E. S., Project Supported by Higher Education Institutions, Kadmiyum (Cd) Ağır Metalinin Ayçiçeği (Helianthus annuus L.) Bitkisinde Katalaz (CATA3) Geni İfadesi Üzerindeki Etkisinin Arařtırılması, 2015 - 2016

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Cansaran Duman D., Şenkardeşler A., TUBITAK Project, Türkiye'de Yayılış Gösteren Usnea Cinsinin Revizyonu, 2011 - 2013

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Cansaran Duman D., Aras E. S., Project Supported by Higher Education Institutions, Türkiye'de Yayılış Gösteren Bazı Lecidea liken türlerinin rDNA ITS Bölgelerinin Dizi Analizi Yöntemi ile Tanımlanması, 2006 - 2009

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Yurdakulol E., Büyükkartal H. N., Cansaran Duman D., Yaprak A. E., Project Supported by Higher Education Institutions, Chenopodiaceae familyasından salicornia L. ve artrocnemum moq. cinslerinin Türkiye'deki türlerinin taksonomik revizyonu, 2003 - 2006

Cansaran Duman D., Yurdakulol E., Project Supported by Higher Education Institutions, Yaylacık Araştırma Ormanı (Karabük-Yenice) Florası, 2003 - 2005

Cansaran Duman D., Atakol O., Project Supported by Higher Education Institutions, Türkiye'de Bulunan Farklı Likenler İçindeki Usnik Asitin Kromotografik Yöntemler ile Belirlenmesi, 2002 - 2003

## Activities in Scientific Journals

PLOS ONE, Committee Member, 2020 - Continues

TURK HIJİYEN VE DENEYSEL BIYOLOJİ DERGİSİ. TURKISH BULLETIN OF HYGIENE AND EXPERIMENTAL BIOLOGY, Committee Member, 2008 - Continues

## Scientific Refereeing

TUBITAK Project, 1002 - Quick Support Program, Ankara University, Turkey, November 2023

TURK HIJİYEN VE DENEYSEL BIYOLOJİ DERGİSİ. TURKISH BULLETIN OF HYGIENE AND EXPERIMENTAL BIOLOGY, National Scientific Refreed Journal, January 2022

## Metrics

Publication: 190

Citation (WoS): 362

Citation (Scopus): 648

H-Index (WoS): 11

H-Index (Scopus): 15

## **Congress and Symposium Activities**

Farmasötik Biyoteknolojide Gelişmeler, Invited Speaker, Ankara, Turkey, 2023

Polis Akademisi Biyogüvenlik Çalıştayı, Invited Speaker, Ankara, Turkey, 2022

Ulusal Kanser Araştırmalarında Güncel Gelişmeler Kongresi-UKAG2022, Invited Speaker, Gaziantep, Turkey, 2022

1st International Basic Oncology Congress, Invited Speaker, İstanbul, Turkey, 2022

12. International Symposium on Pharmaceutical Sciences (ISOPS)., Session Moderator, Ankara, Turkey, 2018

I. Ulusal Çocuk ve Ergen Obezite Sempozyumu., Invited Speaker, Antalya, Turkey, 2014

I. Ulusal Çocuk ve Ergen Obezite Sempozyumu., Invited Speaker, Antalya, Turkey, 2014

II. Ulusal Çevre ve İnsan Sağlığı (Çevsa) Sempozyumu. , Invited Speaker, Isparta, Turkey, 2013