

Prof. SEVGİ DURNA DAŞTAN



Personal Information

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International Researcher IDs

ORCID: 0000-0003-4946-5602

Publons / Web Of Science ResearcherID: F-4682-2017

Yoksis Researcher ID: 105637

Education Information

Doctorate, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, Turkey 2006 - 2011

Postgraduate, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, Turkey 2003 - 2006

Undergraduate, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, Turkey 1998 - 2002

Biography

Sevgi Durna Daştan is Professor Doctor in Department of Biology, Division of Molecular Biology at Faculty of Science, Sivas Cumhuriyet University, 58140, Sivas/Turkey. She was born in Sivas. She received her master's degree in 2006 and her doctorate in 2011 in the field of Molecular Biology from Sivas Cumhuriyet University, Department of Biology. She worked on the subject of "Mitochondrial phylogenetic analysis of *Garra rufa* and *Cyprinion macrostomus* fish species known as Doctor Fishes in Sivas Kangal Balıklı Spa" within the scope of her Master thesis study; and on the subject of "Human chemokine gene polymorphisms" within the scope of her doctoral thesis. Her areas of interest are genetics, molecular biology, biotechnology, pharmacogenetics, disease genetics, population genetics and gene polymorphisms, biochemistry, bioorganic synthesis and drug design. During 2006-2007 years, she received training on plant biotechnology and the cultivation of Saffron plant with in vitro tissue culture method as a PhD scholar at Agricultural University of Athens, Department of Chemistry and Biotechnology, in Athens, Greece. She worked as an Assistant Professor Dr. of Biometrics and Genetics at SCU, Faculty of Veterinary Medicine between 2013-2018. She has contributed as a chapter writer and editor for many books. She has built the "Molecular and Regenerative Medicine Research Group" in 2021. Up-to-date, she has published over 30 papers in the Web of Science Core collections and have attended various international conferences which have mainly focused on molecular biology. At the same time, she is the Director of Sivas Cumhuriyet University Beekeeping Development, Application and Research Center. She is the President of Sivas Farmer Women's Association. She is married and has 2 children. The curriculum vitae can be accessed at the following link: <https://avesis.cumhuriyet.edu.tr/sdurna>

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Health&Medicine, İlaç Endüstrisinde Analiz Yöntemleri Semineri, Sivas Cumhuriyet University, 2016

Education Management and Planning, Sağlık Bilimleri Alanında Tubitak için Araştırma Proje Önerisi hazırlama ve yürütme uygulamalı eğitimi: Sivas 2015-II, Sivas Cumhuriyet University, 2015

Dissertations

Doctorate, Investigation of variations and distributions of some CC chemokine receptor genes in Turkish populations., Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2011

Postgraduate, Phylogeography of Anatolian Cyprinion macrostomus Heckel, 1843 (Teleostei: Cyprinidae) and Garra rufa Heckel, 1843 (Teleostei: Cyprinidae) populations: PCR-RFLP variation of mitochondrial DNA, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2006

Research Areas

Agricultural Sciences, Health Sciences, Natural Sciences

Academic Titles / Tasks

Professor, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2023 - Continues

Associate Professor, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2018 - 2023

Assistant Professor, Sivas Cumhuriyet University, Veteriner Fakültesi, Zooteckni Ve Hayvan Besleme, 2013 - 2018

Research Assistant, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2002 - 2013

Academic and Administrative Experience

Bölüm Kalite Komisyonu Üyesi, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2022 - Continues

Birim Stratejik Plan Komisyonu Üyesi, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2021 - Continues

Farabi Coordinator, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2021 - Continues

Erasmus Coordinator, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2021 - Continues

Mevlana Exchange Program Coordinator, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2021 - Continues

Bölüm Stratejik Plan Komisyonu Üyesi, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2021 - Continues

Deputy Head of Department, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2020 - Continues

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2020 - Continues

Deputy Head of Department, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2019 - Continues

Deputy Head of Department, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, 2018 - 2019

Courses

genetics 2, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

area of expertise, Doctorate, 2021 - 2022

genom, Doctorate, 2021 - 2022

Biodiversity, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
techniques used to purify biological molecules, Postgraduate, 2021 - 2022
chromosome structure and function, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Genel Mikrobiyoloji - II, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
molecular biology techniques, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
Genoms, Postgraduate, 2021 - 2022
Information metabolic pathways, Doctorate, 2021 - 2022
advanced applied microbiology, Postgraduate, 2021 - 2022
genetics 2 laboratory, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
seminar, Doctorate, 2021 - 2022
Apiterapy, Undergraduate, 2021 - 2022
seminar, Doctorate, 2021 - 2022
Biological control, Doctorate, 2021 - 2022
phylogenetic systematic, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Genetics, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
chromosome structure and function, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Mesleki İngilizce I, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
area of expertise, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
general biology laboratory, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
Seminar, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
Real Time PCR Protocols, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Moleküler Biyoloji Teknikleri, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
secondary metabolites, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
Moleküler Biyoloji, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
general biology, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
Ecology, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017
Öğretmenlik Uygulaması, Undergraduate, 2018 - 2019
Medical Biology, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
Laboratuvar Çalışma prensipleri, Undergraduate, 2017 - 2018, 2016 - 2017
Ekoloji, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
Laboratuvar Çalışma Prensipleri, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
Genetik, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
Medikal Biyoloji, Undergraduate, 2017 - 2018
Biotechnology, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Advising Theses

Durna Daştan S., Determination of mitochondrial DNA COX1 gene polymorphisms in Kangal Akkaraman sheep.,
Postgraduate, T.KÜRSAD(Student), 2021
Durna Daştan S., Anthriscus pers. Investigation of the genetic structure and phylogenetic kinship relationships of
(Apiaceae) species according to the non-coding "trn" regions of the chloroplast genome., Doctorate, P.YILMAZ(Student),
2017

Jury Memberships

Doctoral Examination, Doctoral Examination, Aydın Adnan Menderes Üniversitesi, June, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synthesis of novel Cu(II) complexes with N2O2 ligands: Characterization, theoretical calculations, antimicrobial, antioxidant, DNA binding, and in vitro anticancer activity studies**
Mermer A., TÜZÜN B., DURNA DAŞTAN S., Çevik Ö.
Polyhedron, vol.242, 2023 (SCI-Expanded)
- II. **Investigation of gene expression levels in thyroid tissues of rats treated with Wi-Fi electromagnetic wave (2.4–3 GHz Wi-Fi RF-EMF)**
Serin M., Soylu S., Durna Daştan S., Koç S., Kurt A.
Journal of Molecular Structure, vol.1288, 2023 (SCI-Expanded)
- III. **Phylogenetic analysis of Prunus genus using nuclear and chloroplast gene markers as a bioorganic structure profiling**
Abdulrahman S. S., Durna Daştan S., Shahbaz S. E., Selamoglu Z.
Journal of Molecular Structure, vol.1284, 2023 (SCI-Expanded)
- IV. **Natural antioxidants from some fruits, seeds, foods, natural products, and associated health benefits: An update**
Rahaman M. M., Hossain R., Herrera-Bravo J., Islam M. T., Atolani O., Adeyemi O. S., Owolodun O. A., Kambizi L., Durna Daştan S., Calina D., et al.
Food Science and Nutrition, vol.11, no.4, pp.1657-1670, 2023 (SCI-Expanded)
- V. **Chemical and functional composition and biological activities of Anatolian Hypericum scabrum L. plant**
Durna Daştan S.
Journal of Molecular Structure, vol.1275, 2023 (SCI-Expanded)
- VI. **Biosynthesized silver nanoparticles and miR34a mimics mediated activation of death receptor in MCF-7 human breast cancer cell lines**
Iqbal M. J., Rashid U., Javed Z., Hamid Z., Imran K., Kabeer A., Raza S., Almarhoon Z. M., Reiner Z., Bagiu I., et al.
CANCER NANOTECHNOLOGY, vol.13, no.1, 2022 (SCI-Expanded)
- VII. **Pharmacological effects and therapeutic potential of natural compounds in neuropsychiatric disorders: An update**
Asgharian P., Quispe C., Herrera-Bravo J., Sabernavaei M., Hosseini K., Forouhandeh H., Ebrahimi T., Sharafi-Badr P., Tarhriz V., Soofiyan S. R., et al.
FRONTIERS IN PHARMACOLOGY, vol.13, 2022 (SCI-Expanded)
- VIII. **Diosgenin: An Updated Pharmacological Review and Therapeutic Perspectives**
Durna Daştan S.
OXIDATIVE MEDICINE AND CELLULAR LONGEVITY, vol.1, no.1, pp.1-17, 2022 (SCI-Expanded)
- IX. **Evaluation of mutagenesis, necrosis and apoptosis induced by omeprazole in stomach cells of patients with gastritis**
Durna Daştan S., Rad J.
Cancer Cell International, vol.22, no.154, pp.1-14, 2022 (SCI-Expanded)
- X. **Biosynthesis of Secondary Metabolites Based on the Regulation of MicroRNAs**
Durna Daştan S.
BIOMED RESEARCH INTERNATIONAL, vol.1, no.3, pp.1-21, 2022 (SCI-Expanded)
- XI. **In Silico Screening of Natural Products as Potential Inhibitors of SARS-CoV-2 Using Molecular Docking Simulation**
Hossain R., Sarkar C., Hassan S. M. H., Khan R. A., Arman M., Ray P., Islam M. T., DURNA DAŞTAN S., Sharifi-Rad J., Almarhoon Z. M., et al.
CHINESE JOURNAL OF INTEGRATIVE MEDICINE, vol.28, pp.249-256, 2022 (SCI-Expanded)
- XII. **Cellular targets and molecular activity mechanisms of bee venom in cancer: recent trends and developments**
Durna Daştan S., Selamoğlu Z., Varol M.
Toxin Reviews, vol.1, no.1, pp.1-15, 2022 (SCI-Expanded)
- XIII. **A Review of Recent Studies on the Antioxidant and AntiInfectious Properties of Senna Plants**
1 M. M. A., 1 C. Q., 1 J. H., 1 J. S., Durna Daştan S.

Oxidative Medicine And Cellular Longevity, vol.1, no.1, pp.1-38, 2022 (SCI-Expanded)

- XIV. **Ethnopharmacological-Based Validation of Polyalthia suberosa Leaf Extract in Neurological, Hyperalgesic, and Hyperactive Gut Disorders Using Animal Models**
Durna Daştan S.
Evidence-Based Complementary And Alternative Medicine, vol.1, no.1, pp.1-15, 2022 (SCI-Expanded)
- XV. **Therapeutic Applications of Curcumin in Diabetes: A Review and Perspective**
Cristina Quispe C. Q., Jesús Herrera-Bravo J. H., Zeeshan Javed, Z. J., Khushbukhat Khan K. K., Durna Daştan S.
BIOMED RESEARCH INTERNATIONAL, vol.1, no.1, pp.1-15, 2022 (SCI-Expanded)
- XVI. **Urtica dioica-Derived Phytochemicals for Pharmacological and Therapeutic Applications**
Durna Daştan S., Sharifi-Rad J.
Evidence-Based Complementary And Alternative Medicine, vol.1, no.2, pp.1-32, 2022 (SCI-Expanded)
- XVII. **Nutraceutical Profiling, Bioactive Composition, and Biological Applications of Lepidium sativum L.**
Sakshi Painuli S. P., Cristina Quispe, C. Q., Jesús Herrera-Bravo J. H., Durna Daştan S.
Oxidative Medicine And Cellular Longevity, vol.1, no.1, pp.1-20, 2022 (SCI-Expanded)
- XVIII. **Potent In Vitro Phosphodiesterase 1 Inhibition of Flavone Isolated from Pistacia integerrima Galls**
Abdur Rauf A. R., Sami Bawazeer S. B., Jesús Herrera-Bravo J. H., Durna Daştan S.
BIOMED RESEARCH INTERNATIONAL, vol.1, no.1, pp.1-7, 2022 (SCI-Expanded)
- XIX. **Lasia spinosa Chemical Composition and Therapeutic Potential: A Literature-Based Review**
Hossain R., Quispe C., Herrera-Bravo J., Islam M. S., Sarkar C., Islam M. T., Martorell M., Cruz-Martins N., Al-Harrasi A., Al-Rawahi A., et al.
OXIDATIVE MEDICINE AND CELLULAR LONGEVITY, vol.2021, 2021 (SCI-Expanded)
- XX. **POSSIBLE MUTATION PATHWAYS IN SARS-CoV-2**
Islam M. T., Quispe C., Herrera-Bravo J., Khan I. N., Bawazeer S. S., Kumar M., Cruz-Martins N., Martorell M., Docea A. O., Sharifi-Rad J., et al.
FARMACIA, vol.69, no.6, pp.1001-1017, 2021 (SCI-Expanded)
- XXI. **Paclitaxel: Application in Modern Oncology and Nanomedicine-Based Cancer Therapy**
Sharifi-Rad J., Quispe C., Patra J. K., Singh Y. D., Panda M. K., Das G., Adetunji C. O., Michael O. S., Sytar O., Polito L., et al.
OXIDATIVE MEDICINE AND CELLULAR LONGEVITY, vol.2021, 2021 (SCI-Expanded)
- XXII. **Diplazium esculentum (Retz.) Sw.: Ethnomedicinal, Phytochemical, and Pharmacological Overview of the Himalayan Ferns**
Semwal P., Painuli S., Painuli K. M., Antika G., TÜMER T., Thapliyal A., Setzer W. N., Martorell M., Alshehri M. M., Taheri Y., et al.
OXIDATIVE MEDICINE AND CELLULAR LONGEVITY, vol.2021, 2021 (SCI-Expanded)
- XXIII. **Paving Luteolin Therapeutic Potentialities and Agro-Food-Pharma Applications: Emphasis on In Vivo Pharmacological Effects and Bioavailability Traits**
Taheri Y., Sharifi-Rad J., Antika G., YILMAZ Y. B., TÜMER T., Abuhamdah S., Chandra S., Saklani S., KILIÇ C. S., Sestito S., et al.
OXIDATIVE MEDICINE AND CELLULAR LONGEVITY, vol.2021, 2021 (SCI-Expanded)
- XXIV. **Therapeutic Potential of Isoflavones with an Emphasis on Daidzein**
Alshehri M. M., Sharifi-Rad J., Herrera-Bravo J., Jara E. L., Salazar L. A., Kregiel D., Uprety Y., Akram M., Iqbal M., Martorell M., et al.
OXIDATIVE MEDICINE AND CELLULAR LONGEVITY, vol.2021, 2021 (SCI-Expanded)
- XXV. **Ethnomedicinal Use, Phytochemistry, and Pharmacology of Xylocarpus granatum J. Koenig**
Dey D., Quispe C., Hossain R., Jain D., Ahmed Khan R., Janmeda P., Islam M. T., Ansar Rasul Suleria H., Martorell M., DURNA DAŞTAN S., et al.
EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE, vol.2021, 2021 (SCI-Expanded)
- XXVI. **Thymoquinone improves testicular damage and sperm quality in experimentally varicocele-induced adolescent rats**
Gur F. M., Timurkaan S., Taskin E., Guven C., Gur H. E., Şentürk M., Durna Daştan S., Nurdinov N., Unalan A., Cankut S., et al.

ANDROLOGIA, vol.53, no.5, 2021 (SCI-Expanded)

- XXVII. **An Insight into Phytochemical, Pharmacological, and Nutritional Properties of Arbutus unedo L. From Morocco**
El Haouari M., Assem N., Changan S., Kumar M., DURNA DAŞTAN S., Rajkovic J., Taheri Y., Sharifi-Rad J.
Evidence-based Complementary and Alternative Medicine, vol.2021, 2021 (SCI-Expanded)
- XXVIII. **GENE EXPRESSION LEVELS IN BRONCHIAL ASTHMA PATIENTS OF DUHOK POPULATION IN IRAQ**
Issa H. Y., Al-Habib O. A. M., DURNA DAŞTAN S., Ramadhan A. A., Sevindik M., Selamoglu Z.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.30, pp.9036-9043, 2021 (SCI-Expanded)
- XXIX. **Roles of Therapeutic Bioactive Compounds in Hepatocellular Carcinoma**
Jain D., Murti Y., Khan W. U., Hossain R., Hossain M. N., Agrawal K. K., Ashraf R. A., Islam M. T., Janmeda P., Taheri Y., et al.
Oxidative Medicine and Cellular Longevity, vol.2021, 2021 (SCI-Expanded)
- XXX. **Notch signaling and MicroRNA: The dynamic duo steering between neurogenesis and glioblastomas**
Javed Z., Khan K., Raza Q., Sadia H., Shah F. A., Ahmad T., Bentivegna A., Bazzoni R., Setzer W. N., Alshehri M. M., et al.
Cellular and Molecular Biology, vol.67, no.2, pp.33-43, 2021 (SCI-Expanded)
- XXXI. **Tobacco Smoking and Liver Cancer Risk: Potential Avenues for Carcinogenesis**
Jain D., Chaudhary P., Varshney N., Bin Razzak K. S., Verma D., Khan Zahra T. R., Janmeda P., Sharifi-Rad J., Daştan S., Mahmud S., et al.
Journal of Oncology, vol.2021, 2021 (SCI-Expanded)
- XXXII. **Hepatoprotective Screening of Seriphidium kurramense (Qazilb.) Y.R. Ling**
Ali M., Hussain H., Hussain A., Rauf A., Hussain W., Ullah M., Abbas S., Al-Awthan Y. S., Bahattab O., Khan M., et al.
BioMed Research International, vol.2021, 2021 (SCI-Expanded)
- XXXIII. **Production, Transmission, Pathogenesis, and Control of Dengue Virus: A Literature-Based Undivided Perspective**
Islam M. T., Quispe C., Herrera-Bravo J., Sarkar C., Sharma R., Garg N., Fredes L. I., Martorell M., Alshehri M. M., Sharifi-Rad J., et al.
BioMed Research International, vol.2021, 2021 (SCI-Expanded)
- XXXIV. **Green Synthesis of Iron Nanoparticles from Spinach Leaf and Banana Peel Aqueous Extracts and Evaluation of Antibacterial Potential**
Tyagi P. K., Gupta S., Tyagi S., Kumar M., Pandiselvam R., DURNA DAŞTAN S., Sharifi-Rad J., Gola D., Arya A.
Journal of Nanomaterials, vol.2021, 2021 (SCI-Expanded)
- XXXV. **METHYLATION OF THE E-CADHERIN (ECAD) GENE IN CLEAR CELL RENAL CELL CARCINOMA (CCRCC)**
Kitapci A., Daştan T., Dündar G., Pektaş A. N., Durna Daştan S., Korğalı E., Türkoğlu Ş.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.29, pp.85-91, 2020 (SCI-Expanded)
- XXXVI. **The Effects of Some Bis-1, 2, 4-Triazole Containing Aminomethyl Derivatives on MDA Levels and Vitamins in Tissues of Rats**
Alayunt N. O., Karatepe M., Parlak A. E., Ulas M., Turkoglu S., Dastan S., Koparir M., Celik S.
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.41, no.4, pp.707-713, 2019 (SCI-Expanded)
- XXXVII. **INVESTIGATION OF THE GENETIC STRUCTURES AND PHYLOGENETIC RELATIONSHIPS FOR THE SPECIES OF THE GENUS ANTHRISCUS PERS. (APIACEAE) DISTRIBUTED IN TURKEY, USING THE NON - CODING "TRN" REGIONS OF THE CHLOROPLAST GENOME**
Sancar P. Y., CİVELEK Ş., TEKİN M., DURNA DAŞTAN S.
PAKISTAN JOURNAL OF BOTANY, vol.51, no.3, pp.1049-1057, 2019 (SCI-Expanded)
- XXXVIII. **The effectiveness of platelet-rich plasma in an anosmia-induced mice model**
Yasak A. G., Yigit O., Server E. A., DURNA DAŞTAN S., GÜL M.
LARYNGOSCOPE, vol.128, no.5, 2018 (SCI-Expanded)
- XXXIX. **The effects of wireless electromagnetic fields on the activities of carbonic anhydrase and acetylcholinesterase enzymes in various tissues of rats**
KOÇYİÇİT Ü. M., Taslimi P., GÜRSER F., SOYLU S., DURNA DAŞTAN S., GÜLÇİN İ.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.32, no.3, 2018 (SCI-Expanded)

- XL. **Inhibitory effects of some drugs on carbonic anhydrase enzyme purified from Kangal Akkaraman sheep in Sivas, Turkey**
KOÇYİĞİT Ü. M., DURNA DAŞTAN S., Taslimi P., Dastan T., GÜLÇİN İ.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.32, no.1, 2018 (SCI-Expanded)
- XLI. **Synthesis of some novel pyridine compounds containing bis-1,2,4-triazole/thiosemicarbazide moiety and investigation of their antioxidant properties, carbonic anhydrase, and acetylcholinesterase enzymes inhibition profiles**
Bulut N., KOÇYİĞİT Ü. M., GEÇİBESLER İ. H., Dastan T., Karci H., Taslimi P., DURNA DAŞTAN S., GÜLÇİN İ., ÇETİN A.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.32, no.1, 2018 (SCI-Expanded)
- XLII. **Investigation of acetylcholinesterase and mammalian DNA topoisomerases, carbonic anhydrase inhibition profiles, and cytotoxic activity of novel bis(-aminoalkyl)phosphinic acid derivatives against human breast cancer**
Dastan T., KOÇYİĞİT Ü. M., DURNA DAŞTAN S., CANTÜRK KILIÇKAYA P., Taslimi P., ÇEVİK Ö., KOPARIR M., Orek C., GÜLÇİN İ., ÇETİN A.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.31, no.11, 2017 (SCI-Expanded)
- XLIII. **Investigation of anti-proliferative and antioxidative effects of some bis (alpha-amino) phosphinic acid derivatives**
Dastan T., DURNA DAŞTAN S., ATAŞ M., Orek C., Koparir P., PARLAK A. E., BARAL İ., KOPARIR M., ÇETİN A.
PAKISTAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.29, no.5, pp.1853-1862, 2016 (SCI-Expanded)
- XLIV. **Evaluation of the antioxidant effects of melatonin on the larynx mucosa of rats exposed to environmental tobacco smoke**
Donmez Z., Yigit O., Bilici S., Dursun N., Gul M., Dastan S., Uzun H.
CLINICAL OTOLARYNGOLOGY, vol.41, no.3, pp.211-221, 2016 (SCI-Expanded)
- XLV. **Synthesis and in vitro antioxidant evaluation of new bis(-aminoalkyl)phosphinic acid derivatives**
SARAÇ K., Orek C., ÇETİN A., Dastan T., Koparir P., DURNA DAŞTAN S., KOPARIR M.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.191, no.9, pp.1284-1289, 2016 (SCI-Expanded)
- XLVI. **In Vitro Antioxidant Evaluation of Some Mannich Bases which Contain Bis-1,2,4-Triazole Derivative**
PARLAK A. E., KARATEPE M., KOPARIR M., DURNA DAŞTAN S., Alayunt N. O., ULAŞ M., KESER S., Celik S.
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.37, no.6, pp.1192-1204, 2015 (SCI-Expanded)
- XLVII. **Phenylthiocarbamide taste perception as a possible genetic association marker for nutritional habits and obesity tendency of people**
Durna Daştan S., Değerli N., Dastan T., Yildiz F., Yildir Y., Durna Y. M., Atessahin D., Karan T.
PAKISTAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.28, pp.1141-1150, 2015 (SCI-Expanded)
- XLVIII. **ROLE OF PROPOLIS ON OXIDATIVE STRESS IN VARIOUS TISSUES OF FISH**
ALDEMİR O. S., Selamoglu Z., GÜLHAN M. F., ÇAKIR O., ÖZDEMİR İ., DURNA DAŞTAN S., Dogan H.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.23, pp.3547-3551, 2014 (SCI-Expanded)
- XLIX. **Synthesis and biological activities of some novel aminomethyl derivatives of 4-substituted-5-(2-thienyl)-2,4-dihydro-3H-1,2,4-triazole-3-thiones**
KOPARIR M., Orek C., PARLAK A. E., Soylemez A., Koparir P., KARATEPE M., DURNA DAŞTAN S.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.63, pp.340-346, 2013 (SCI-Expanded)
- L. **Genetic Diversity of Cyprinion macrostomus Heckel, 1843 (Teleostei: Cyprinidae) in Anatolia**
DURNA DAŞTAN S., BARDAKCI F., DEĞERLİ N.
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.12, no.3, pp.651-659, 2012 (SCI-Expanded)
- LI. **Genetic diversity of Garra rufa Heckel, 1843 (Teleostei: Cyprinidae) in Anatolia**
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- XXXVI. **Kenger (Gundelia tournefortii) Bitki Özütlerinin, Besin Elementleri, Antimikrobiyal Aktiviteleri ve İn Vitro Antioksidan Aktiviteleri Bakımından Değerlendirilmesi**
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- LI. **YENİ SENTEZLENMİŞ BAZI FOSFİNİK ASİT TÜREVLERİNİN İN VİTRO ANTOKSİDAN AKTİVİTELERİ VE APOPTOZ ÜZERİNE ETKİLERİ**
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38. ULUSAL TÜRK KULAK BURUN BOĞAZ VE BAŞ BOYUN CERRAHİSİ KONGRESİ, Antalya, Turkey, 26 - 30 October 2016
- LIII. **Hiperbarik oksijen tedavisinin hiperglisemiye bağlı koklear hasar üzerine etkileri**
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38. ULUSAL KULAK BURUN BOĞAZ VE BAŞ BOYUN CERRAHİSİ KONGRESİ ANTALYA, Antalya, Turkey, 26 - 30

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DURNA DAŞTAN S.
VI. ULUSAL VETERİNER ZOOTEKNİ KONGRESİ, Kayseri, Turkey, 1 - 04 June 2016
- LXI. **Prostat kanseri için potansiyel erken tanı belirteçleri MikroRNA ların PSA ile korele kullanımının pozitif biyopsileri ortaya çıkarabilmedeki durumu**
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12. Üroonkoloji kongresi, Antalya, Turkey, 18 - 22 November 2015
- LXII. **Prostat Kanseri İçin Potansiyel Erken Tanı Belirteçleri MikroRNA ların PSA ile Korele Kullanımının Pozitif Biyopsileri Ortaya Çıkarabilmedeki Durumu**
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37. ULUSAL KULAK BURUN BOĞAZ VE BAŞ BOYUN CERRAHİSİ KONGRESİ 28 EKİM-1 KASIM 2015, ANTALYA, 28 October - 01 November 2015
- LXIV. **The effects of ethanolic pollen extract in various concentrations on total RNA and total protein in different tissues of Rainbow Trout (Oncorhynchus mykiss).**
SEAMOĞLU Z., DURNA DAŞTAN S., GÜLHAN M. F., DAŞTAN T.
The 5th international scientific conference applied natural sciences, 30 September - 02 October 2015
- LXV. **Farklı Konsantrasyonlardaki Polen Ekstraktının Gökkuşuğu Alabalığının (Oncorhynchus mykiss) Kalp Dokusundaki Etkileri.**
SEAMOĞLU Z., GÜLHAN M. F., DURNA DAŞTAN S., DAŞTAN T., CİHANGİROĞLU B. L.
2. Balıklandırma ve rezervuar yönetimi sempozyumu, Turkey, 20 - 22 May 2015

- LXVI. **Farklı Konsantrasyonlardaki Polen Ekstraktının Gökkuşığı Alabalığının *Oncorhynchus mykiss* Kalp Dokusundaki Etkileri**
SELAMOĞLU Z., GÜLHAN M. F., DURNA DAŞTAN S., taner d., cihangiroğlu b. l.
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- LXVII. **Farklı konsantrasyonlardaki polen ekstraktının gökkuşığı alabalığı (*Oncorhynchus mykiss*) dalak dokusundaki etkileri**
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- LXIX. **The determination of effective concentration of pollen extract whit biochemical analyses in liver tissue of fish (*Oncorhynchus mykiss*)**
DURNA DAŞTAN S., DAŞTAN T., GÜLHAN M. F., KIRKBEŞ A., SELAMOĞLU Z.
5th International Congress on Cell 'Membranes and Oxidative Stress: Focus on Calcium Signal and TRP Channels, ISPARTA, 9 - 12 September 2014
- LXX. **Çevresel sigara dumanına maruz kalan radların larinks mukozasında melatoninin antioksidan etkisi**
dönmez z., YİĞİT Ö., BİLİCİ S., dursun n., GÜL M., DURNA DAŞTAN S., UZUN H.
11.uluslararası kulak burun boğaz ve baş boyun cerrahisi kongresi, 17 - 19 April 2014
- LXXI. **Von Hippel Lindau Tumor Suppressor Gene Methylation Findings In Our Patients With Clear Cell Renal Cell Carcinoma**
KORĞALI E., DÜNDAR G., DURNA DAŞTAN S., ayan s., TUTAR Y., GÖKÇE G., GÜLTEKİN E. Y.
29th Annual EAU Congress, 11 - 15 April 2014

Supported Projects

Berk Ş., Çetin A., Durna Daştan S., Yurtcu N., Özdemir Ö. Ü., Project Supported by Higher Education Institutions, Investigation of the effects of the antidiabetic drug metformin and the dual IGF1 / insulin receptor antagonist OSI-906 in the nematode *Caenorhabditis elegans* model and determination of the expression levels of insulin / IGF-1 signaling (IIS) pathway components Project No: F-636, 2021 - 2024

Durna Daştan S., Berk Ş., Project Supported by Higher Education Institutions, Investigation of the effects of the antidiabetic drug metformin and the dual IGF1 / insulin receptor antagonist OSI-906 in the nematode *Caenorhabditis elegans* model and determination of the expression levels of insulin / IGF-1 signaling (IIS) pathway components, 2021 - 2024, 2021 - 2024

Durna Daştan S., Özkaraca M., Yurtcu N., Project Supported by Higher Education Institutions, The effect of VEGFR1-3 Kinase Inhibitor Fruquiniib in the Rat Intra-Abdominal Endometriosis Model: The Role of VEGF/VEGFR and Hippo-Yap Molecules" as part of the TUBITAK project numbered 221S049., 2022 - 2023

Durna Daştan S., Özkaraca M., Yurtcu N., Project Supported by Higher Education Institutions, Performing immunohistochemistry experiments of TUBITAK project number 121S414 named Analysis of Hippo-YAP Pathway Genes and Proteins and Related miRNA195, miRNA-181c, miRNA-200a and miRNA-375 Expressions in Blood, Placenta and Myometrium Tissues in Term and Preterm Mothers, 2022 - 2023

Durna Daştan S., Daştan T., Özkaraca M., Can Çağlayan S. İ., Project Supported by Higher Education Institutions, Effect of galectin OTX008 in the presence of metformin and OTX008 compounds in a rat model of peritoneal endometriosis: Immunohistochemical examination of the study of the share of syncytins in gene and protein expression of galectin and syncytin., 2022 - 2023

Durna Daştan S., Daştan T., Can S. İ., TUBITAK Project, Galectin and Syncytin Gene and Protein Expressions in the Presence of Metformin and OTX008 Compounds in a Rat Endometriosis Model, 2021 - 2023

Yurtcu N., Durna Daştan S., Özkaraca M., Çetin A., Berk Ş., TUBITAK Project, Effect of VEGFR1-3 kinase inhibitor Fruquiniib in a Rat Intra-Abdominal Endometriosis Model: The Role of VEGF/VEGFR and HIPPO-YAP Molecules, 2021 -

2023

Durna Daştan S., Kurt B., TUBITAK Project, Monometil fumarat ve nifedipin sıçan yumurtalığında iskemi/ reperfüzyon hasarı modelinde monometil fumarat ve nifedipinin etkilerinde hasarını azaltabilir mi ve bunda oksidatif strese duyarlı transkripsiyon faktörleri (HIF-1 α , Nrf2 ve NF-k α -B) 1 α , NFkB ve hedef genlerin rolü Nrf2'nin payı nedir?, 2021 - 2023

Can Çağlayan İ. S., Özkaraca M., Çetin A., Durna Daştan S., Koparır P., Daştan T., TUBITAK Project, Sıçan peritoneal endometriozis modelinde metformin ve OTX008'in etkisi: Galektin ve sinsitinlerin payı, 2021 - 2023

Durna Daştan S., Kurt B., Project Supported by Higher Education Institutions, Beta catenin-Axin, beta-actin, GAPDH, GSK-3B, TCF, WNT7A, WNT10A, WNT2, Beclin 1, Beclin 2, ATG5 and ATG12 gene expression levels in uterus and ovarian tissues of rats treated with Wi-Fi electromagnetic wave (Wi-Fi RF-EMF) Examination , 2021 - 2023

Yurtcu N., Durna Daştan S., Çetin A., TUBITAK Project, Analysis of the expression of Hippo-YAP pathway genes and proteins and related miRNA-195, miRNA-181c, miRNA-200a and miRNA-375 in blood, placenta and myometrium tissues of term and preterm mothers, 2021 - 2022

Yurtcu N., Demir K., Durna Daştan S., Daştan T., EU Supported Other Project, Evaluations of cytokines and diseases, 2021 - 2022

Yurtcu N., Demir K., Durna Daştan S., Daştan T., EU Supported Other Project, Autoimmune pathogenesis, related diseases and laboratories: European Scientific Collaboration Project, 2020 - 2021

Daştan T., Durna Daştan S., Project Supported by Higher Education Institutions, SInvestigation of Nutrient Content, Antimicrobial Activities and DNA Protective Effects of Naturally Growing Plantain Grass (*Plantago* sp.), Kenger (*Gundellia tournefortii*), Çiriş (*Eremurus spectabilis*) Plants, 2019 - 2021

Çetinkaya S., Yenidünya A. F., Akın Polat Z., Saraç K., Başoğlu F., Durna Daştan S., Project Supported by Higher Education Institutions, Synthesis of transfer RNA-fatty acid esters and testing of biologically active molecular potentials on pathogenic *Acanthamoeba* and *Trichomonas* species., 2019 - 2021

Kurt A., Durna Daştan S., Project Supported by Higher Education Institutions, In vitro investigation of the effects of wireless electromagnetic field on wistar albino rat tissues., 2017 - 2020

Durna Daştan S., Daştan T., Project Supported by Higher Education Institutions, Investigation of Mitochondrial DNA (mtDNA) Gene Polymorphisms of Sivas Kangal Shepherd Dogs, 2017 - 2020

Durna Daştan S., Daştan T., Project Supported by Higher Education Institutions, Investigation of In Vitro Anticancer Activities and DNA Protective Effects of Kenger (*Gundelia tournefortii*) Plant Extracts, 2017 - 2020

Durna Daştan S., Daştan T., Project Supported by Higher Education Institutions, Comparison of Genetic Structures of Sivas Kangal and Aksaray Malaklı Shepherd Dogs with Nuclear DNA and Mitochondrial DNA Markers based on PCR technique, 2015 - 2018

Özşensoy Y., Coşkun B., Inal Ş., Özbilgin A., Polat E. S., Yılmaz A., Dinç D. A., Oğrak Y. Z., Durna Daştan S., Demiral Ö. O., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Use of Residual Feed Consumption in Breeding Studies in Kangal Akkaraman and Anatolian Merino Sheep, 2014 - 2018

Durna Daştan S., Turan M., Project Supported by Higher Education Institutions, Effect of electromagnetic field on Wistar Albino rat DNA, 2015 - 2017

Durna Daştan S., Project Supported by Higher Education Institutions, Investigation of promoter methylation in some genes known to be effective in the formation of clear cell renal carcinoma., 2015 - 2017

Durna Daştan S., Korğalı E., Project Supported by Higher Education Institutions, VEGFR2 and VHL Gene Polymorphisms in Renal Cell Cancer Patients, 2012 - 2016

Durna Daştan S., Asdemir A., Korğalı E., Project Supported by Higher Education Institutions, Potential Early Diagnostic Markers The Situation of Correlation of MicroRNAs with PSA in the Diagnosis of Prostate Cancer, 2014 - 2015

Korğalı E., Durna Daştan S., Project Supported by Higher Education Institutions, Determination of VEGFR2 Gene Polymorphism in Renal Cell Carcinoma Cases and Determination of Its Relationship with Prognosis, 2012 - 2015

Durna Daştan S., Project Supported by Higher Education Institutions, Investigation of changes in the tissues of trout treated with pollen extract at different concentrations by biochemical, hematological and cytogenetic analyzes., 2012 - 2015

Durna Daştan S., Değerli N., Project Supported by Higher Education Institutions, Allelic Frequency Distribution of CCR5 CXCR4 CCR3 CCR2 CXCR2 CCR1 CXCR1 and SDF1 Genes and Population-Specific Polymorphism in Genes, Which Are Considered to Slow the Formation and Progression of AIDS from CC Chemokine Receptors in Turkish Population, 2007 -

2011

Durna Daştan S., Değerli N., Project Supported by Higher Education Institutions, Phylogeography of Anatolian Cyprinion macrostomus HECKEL 1843 and Garra rufa HECKEL 1843 Populations PCR RFLP Variation of Mitochondrial DNA, 2004 - 2006

Activities in Scientific Journals

Eurasian journal of medical and biological sciences, Committee Member, 2019 - Continues

eurasian journal of medical and biological sciences, Editor, 2019 - Continues

journal of....., Editor, 2018 - Continues

turkish research journal of academic health and medical sciences, Editor, 2018 - Continues

Cumhuriyet science Journal, Scientific Committee Membership, 2015 - Continues

Scientific Refereeing

AHI EVRAN ÜNİVERSİTESİ KIRŞEHİR EĞİTİM FAKÜLTESİ DERGİSİ, National Scientific Refreed Journal, April 2022

pharmaceutical Sciences, Journal Indexed in ESCI, April 2022

Turjaf, Other Journals, March 2022

Turjaf, Other Indexed Journal, March 2022

Academia letters, Other Indexed Journal, March 2022

Cumhuriyet Tıp Dergisi, Other Indexed Journal, February 2022

Turjaf (Turkish Journal of Agriculture - Food Science and Technology), Other Indexed Journal, January 2022

vaccines & vaccinations open access, Other Indexed Journal, December 2021

TURJAF, Other Indexed Journal, November 2020

ecological life science, Other Indexed Journal, August 2020

cumhuriyet science journal, Other Indexed Journal, July 2020

İSTANBUL ÜNİVERSİTESİ VETERİNER FAKÜLTESİ DERGİSİ, National Scientific Refreed Journal, July 2019

TURJAF, Other Journals, June 2019

Universities of Other Countries Supported Project, University of Engineering and Technology, Pakistan, June 2019

Cumhuriyet Science Journal, National Scientific Refreed Journal, May 2019

Tasks In Event Organizations

Durna Daştan S., 2. uluslararası kanser günleri, Scientific Congress, Sivas, Turkey, Eylül 2021

Scientific Research / Working Group Memberships

Moleküler Ve Rejeneratif Tıp Araştırma Grubu, Sivas Cumhuriyet University, Türkiye,

<https://avesis.cumhuriyet.edu.tr/arastirma-grubu/mrmrg>, 2021 - Continues

Metrics

Publication: 181

Citation (WoS): 212

Citation (Scopus): 665

H-Index (WoS): 8

H-Index (Scopus): 14

Congress and Symposium Activities

Current approaches in medical laboratory techniques and professional career life, Invited Speaker, Sivas, Turkey, 2022
20th May World Bee Day, Moderator, Sivas, Turkey, 2022

Scholarships

2211/A National PhD Scholarship Program, TUBITAK, 2006 - 2011

Non Academic Experience

University, Sivas Cumhuriyet University, Molecular and Regenerative Medicine Research Group

University, Sivas Cumhuriyet University Beekeeping Development, Application and Research Center, research Center

Agricultural University of Athens, Science Department, Biotechnology and Chemistry Field, Athens (Atina Ziraat

Üniversitesi, Temel Bilimler Bölümü, Biyoteknoloji ve Kimya Alanı, Atina)