

Assoc. Prof. ARZU ATALAY

Personal Information

Office Phone: [+90 312 222 5826](tel:+903122225826)

Fax Phone: [+90 312 222 5872](tel:+903122225872)

Email: aatalay@ankara.edu.tr

Web: <https://avesis.ankara.edu.tr/aatalay>

International Researcher IDs

ORCID: 0000-0003-1309-5291

Publons / Web Of Science ResearcherID: O-1601-2014

ScopusID: 24586886600

Yoksis Researcher ID: 106438

Education Information

Doctorate, Ihsan Dogramaci Bilkent University, Institute Of Engineering And Natural Sciences, Moleküler Biyoloji Ve Genetik (Dr), Turkey 1996 - 2003

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji (YI) (Tezli), Turkey 1993 - 1996

Undergraduate, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, Turkey 1989 - 1994

Dissertations

Doctorate, Identification of genes induced by BRCA1 in breast cancer cells, Ihsan Dogramaci Bilkent University, Mühendislik Ve Fen Bilimleri Enstitüsü, Moleküler Biyoloji Ve Genetik (Dr), 2002

Postgraduate, Sığır merceği -kristalinlerinin oksidasyonu ve katarakt oluşumu ile ilişkisi, Hacettepe University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji (YI) (Tezli), 1996

Research Areas

Biotechnology, Molecular Biology and Genetics, Genetic Engineering, Molecular Biology of Cancer, Protein Engineering

Academic Titles / Tasks

Associate Professor, Ankara University, Biyoteknoloji Enstitüsü, Biyoteknoloji Anabilim Dalı, 2019 - Continues

Assistant Professor, Ankara University, Biyoteknoloji Enstitüsü, Biyoteknoloji Anabilim Dalı, 2010 - 2022

Expert, Ankara University, Biyoteknoloji Enstitüsü, Biyoteknoloji Anabilim Dalı, 2007 - 2009

Researcher, Harvard University, Faculty Of Medicine, Joslin Diabetes Center, 2003 - 2006

Research Assistant, Ihsan Dogramaci Bilkent University, Faculty Of Science, Department Of Molecular Biology And Genetics, 1996 - 2003

Research Assistant, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, 1996 - 1996

Courses

Moleküler Hücre Biyolojisi I, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2013 - 2014

Biyoteknolojik Terapötik Üretim Yaklaşımları, Doctorate, 2022 - 2023

EPİGENETİK, Doctorate, 2022 - 2023, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

İLERİ BİYOTEKNOLOJİ TEKNİKLERİ, Doctorate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2013 - 2014

Biyoteknolojik Gelişmeler, Doctorate, 2020 - 2021, 2017 - 2018, 2014 - 2015

KHB704 DOKU VE ORGAN KÖK HÜCRELERİ, Doctorate, 2017 - 2018, 2015 - 2016, 2013 - 2014

MOLEKÜLER HÜCRE BİYOLOJİSİ II, Doctorate, 2017 - 2018, 2014 - 2015, 2013 - 2014

EPİGENETİK, Postgraduate, 2017 - 2018, 2015 - 2016

Temel Biyoteknolojiye Giriş, Postgraduate, 2012 - 2013, 2011 - 2012

Temel Biyoteknoloji Teknikleri, Postgraduate, 2012 - 2013, 2011 - 2012

Advising Theses

Atalay A., Reseptör Tirozin Kinaz Benzeri Orphan Reseptör-1 (ROR1)'e Karşı Monoklonal Antikor Geliştirilmesi, Doctorate, R.DOĞAN(Student), Continues

Atalay A., Production of recombinant ROR1 tyrosine kinase antigen, Postgraduate, M.SAMUR(Student), 2022

Atalay A., Production and purification of recombinant HER3 antigen, Postgraduate, A.KAAN(Student), 2022

ATALAY A., Epidermal büyüme faktörü reseptörü dimerizasyon bölgesine nötralizan monoklonal anti-EGFR antikor geliştirilmesi, Doctorate, O.BENDER(Student), 2020

ATALAY A., Identification of differentially expressed micrnas and analysis of the genes regulated by them during lipotoxic endoplasmic reticulum stress, Postgraduate, M.NADİR(Student), 2014

ATALAY A., Caenorhabditis elegans oosit ve embriolarında global mikroRNAom profillerinin analizi, Postgraduate, S.GÜÇLÜ(Student), 2013

ATALAY A., Türk halk ilaçlarının C.elegans ömür uzunluğu üzerine etkisinin araştırılması, Postgraduate, N.ERGEN(Student), 2012

ATALAY A., Fibroblast büyüme faktörü 3 (FGF3) geninde tanımlanan L6P ve S156P mutasyonlarının etkilerinin in vitro analizi, Postgraduate, M.BAŞARAN(Student), 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Lycopene enriched extra virgin olive oil: Biological activities and assessment of security profile on cells**
Marinaccio L., Zengin G., Bender O., Dogan R., ATALAY A., Masci D., Flamminii F., Stefanucci A., Mollica A.
Food Bioscience, vol.60, 2024 (SCI-Expanded)
- II. **Discovery and Anticancer Screening of Novel Oxindole-Based Derivative Bearing Pyridyl Group as Potent and Selective Dual FLT3/CDK2 Kinase Inhibitor**
Soudi A., Bender O., ÇELİK İ., El-Hafeez A. A. A., Dogan R., ATALAY A., Elkaeed E. B., Alsouk A. A., Abdelhafez E. M. N., Aly O. M., et al.
Pharmaceuticals, vol.17, no.5, 2024 (SCI-Expanded)
- III. **Assessment of the in-vitro toxicity and in-vivo therapeutic capabilities of Juglans regia on human prostate cancer and prostatic hyperplasia in rats**
Stefanucci A., Marinaccio L., Llorent-Martínez E. J., Zengin G., Bender O., Dogan R., ATALAY A., Adegbite O., Ojo F. O., Onaolapo A. Y., et al.
Food Bioscience, vol.57, 2024 (SCI-Expanded)
- IV. **Combination of an Oxindole Derivative with (–)-β-Element Alters Cell Death Pathways in FLT3/ITD+ Acute Myeloid Leukemia Cells**

Alanazi J, Bender O, Dogan R, Malik J. A., Atalay A., Ali T. F. S., Beshr E. A. M., Shawky A. M., Aly O. M., Alqahtani Y. N. H., et al.

Molecules, vol.28, no.13, 2023 (SCI-Expanded)

- V. **Vanillin-Based Indolin-2-one Derivative Bearing a Pyridyl Moiety as a Promising Anti-Breast Cancer Agent via Anti-Estrogenic Activity**
Bender O, Çelik İ., Dogan R., Atalay A., Shoman M. E., Ali T. F. S., Beshr E. A. M., Mohamed M., Alaaeldin E., Shawky A. M., et al.
ACS Omega, vol.8, no.7, pp.6968-6981, 2023 (SCI-Expanded)
- VI. **Discovery of oxindole-based FLT3 inhibitors as a promising therapeutic lead for acute myeloid leukemia carrying the oncogenic ITD mutation**
Bender O, Shoman M., Ali T. F. S., Dogan R., Celik I., Mollica A., Hamed M. I. A., Aly O. M., Alamri A., Alanazi J., et al.
ARCHIV DER PHARMAZIE, vol.356, no.2, 2023 (SCI-Expanded)
- VII. **Beta Elemene induces cytotoxic effects in FLT3 ITD-mutated acute myeloid leukemia by modulating apoptosis**
Alafnan A., DOĞAN R., Bender O., ÇELİK İ., Mollica A., Malik J., Rengasamy K., Break M., Khojali W., Alharby T., et al.
European Review for Medical and Pharmacological Sciences, vol.27, no.8, pp.3270-3287, 2023 (SCI-Expanded)
- VIII. **Expression analysis of Akirin-2, NF kappa B-p65 and beta-catenin proteins in imatinib resistance of chronic myeloid leukemia**
Karabay A. Z., Koç A., Özkan T., Hekmatshoar Y., Altınok Güneş B., Sunguroğlu A., Buyukbingol Z., Atalay A., Aktan F.
HEMATOLOGY, vol.23, no.10, pp.765-770, 2018 (SCI-Expanded)
- IX. **Chemical, biological and molecular modelling analyses to probe into the pharmacological potential of Antidesma madagascariense Lam.: A multifunctional agent for developing novel therapeutic formulations**
Mahomoodally M. F., ATALAY A., Picot M. C. N., Bender O., Celebi E., Mollica A., Zengin G.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.161, pp.425-435, 2018 (SCI-Expanded)
- X. **Integration of in vitro and in silico perspectives to explain chemical characterization, biological potential and anticancer effects of Hypericum salsugineum: A pharmacologically active source for functional drug formulations**
Bender O., Llorent-Martinez E. J., Zengin G., Mollica A., Ceylan R., Molina-Garcia L., Fernandez-de Cordova M. L., ATALAY A.
PLOS ONE, vol.13, no.6, 2018 (SCI-Expanded)
- XI. **UHPLC-QTOF-MS analysis of bioactive constituents from two Romanian Goji (Lycium barbarum L.) berries cultivars and their antioxidant, enzyme inhibitory, and real-time cytotoxicological evaluation**
Mocan A., Moldovan C., Zengin G., Bender O., Locatelli M., Simirgiotis M., ATALAY A., Vodnar D. C., Rohn S., Crisan G.
FOOD AND CHEMICAL TOXICOLOGY, vol.115, pp.414-424, 2018 (SCI-Expanded)
- XII. **Evaluation of the lifespan extension effects of several Turkish medicinal plants in Caenorhabditis elegans**
Ergen N., Hosbas S., DELİORMAN ORHAN D., ASLAN M., Sezik E., ATALAY A.
TURKISH JOURNAL OF BIOLOGY, vol.42, no.2, pp.163-173, 2018 (SCI-Expanded)
- XIII. **DICER1 gene and miRNA dysregulation in mesenchymal stem cells of patients with myelodysplastic syndrome and acute myeloblastic leukemia**
Ozdogan H., GÜR DEDEOĞLU B., Islakoglu Y. O., Aydos A., Kose S., ATALAY A., YEGİN Z. A., Avcu F., ÇETİNKAYA F. D., İLHAN O.
LEUKEMIA RESEARCH, vol.63, pp.62-71, 2017 (SCI-Expanded)
- XIV. **Putative germline and pluripotent stem cells in adult mouse ovary and their in vitro differentiation potential into oocyte-like and somatic cells**
Esmaeilian Y., ATALAY A., ERDEMLİ E.
ZYGOTE, vol.25, no.3, pp.358-375, 2017 (SCI-Expanded)
- XV. **Multiple pharmacological targets, cytotoxicity, and phytochemical profile of Aphloia theiformis (Vahl.) Benn**
Picot M. C. N., Bender O., ATALAY A., Zengin G., Loffredo L., Hadji-Minaglou F., Mahomoodally M. F.

BIOMEDICINE & PHARMACOTHERAPY, vol.89, pp.342-350, 2017 (SCI-Expanded)

- XVI. **Traditionally Used Lathyrus Species: Phytochemical Composition, Antioxidant Activity, Enzyme Inhibitory Properties, Cytotoxic Effects, and in silico Studies of L-czeczottianus and L-nissolia**
Llorent-Martinez E. J., Zengin G., Cordova M. L. F., Bender O., ATALAY A., Ceylan R., Mollica A., Mocan A., UYSAL Ş., GÜLER G. Ö., et al.
FRONTIERS IN PHARMACOLOGY, vol.8, pp.1-20, 2017 (SCI-Expanded)
- XVII. **Identification of differentially expressed microRNAs during lipotoxic endoplasmic reticulum stress in RAW264.7 macrophages**
Nadir M., Tufanli O., ERBAY E., ATALAY A.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.41, no.3, pp.206-215, 2016 (SCI-Expanded)
- XVIII. **RNA interference and current clinical applications: Review RNA interferans ve güncel klinik uygulamaları**
Bender O., Çelebi E., ATALAY A.
Turkiye Klinikleri Journal of Medical Sciences, vol.36, no.1, pp.53-60, 2016 (SCI-Expanded)
- XIX. **Analysis of global microRNAome profiles of Caenorhabditis elegans oocytes and early embryos**
Guclu Durgun S., Ozturk A. R., ATALAY A.
TURKISH JOURNAL OF BIOLOGY, vol.40, no.5, pp.1096-1110, 2016 (SCI-Expanded)
- XX. **Post-natal oogenesis: a concept for controversy that intensified during the last decade**
Esmailian Y., ATALAY A., ERDEMLİ E.
ZYGOTE, vol.23, no.3, pp.315-326, 2015 (SCI-Expanded)
- XXI. **Protection of specific maternal messenger RNAs by the P body protein CGH-1 (Dhh1/RCK) during Caenorhabditis elegans oogenesis**
Boag P. R., Atalay A., Robida S., Reinke V., Blackwell T. K.
Journal of Cell Biology, vol.182, no.3, pp.543-557, 2008 (SCI-Expanded)
- XXII. **Identification of genes induced by BRCA1 in breast cancer cells**
ATALAY A., Crook T., Ozturk M., Yulug I.
BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, vol.299, no.5, pp.839-846, 2002 (SCI-Expanded)
- XXIII. **Vitamin C induced oxidation of eye lens gamma crystallins**
ATALAY A., Oğus A., Bateman O., Slingsby C.
BIOCHIMIE, vol.80, no.4, pp.283-288, 1998 (SCI-Expanded)

Articles Published in Other Journals

- I. **Evaluation of anti-proliferative and cytotoxic effects of chlorogenic acid on breast cancer cell lines by real-time, label-free and high-throughput screening**
Bender O., ATALAY A.
MARMARA PHARMACEUTICAL JOURNAL, vol.22, no.2, pp.173-179, 2018 (ESCI)
- II. **Effects of radiation doses from different dental imaging modalities on cell implant interaction A comparison with cell culture study**
KURT M. H., ÖZTAŞ B., ATALAY A.
Journal of Oral and Maxillofacial Radiology, vol.4, no.1, pp.6-13, 2016 (Peer-Reviewed Journal)
- III. **Investigation of stem cells in adult and prepubertal mouse ovaries**
Esmailian Y., GÜR DEDEOĞLU B., ATALAY A., ERDEMLİ E.
Advances in Bioscience and Biotechnology, vol.3, no.07, pp.936-944, 2012 (Peer-Reviewed Journal)
- IV. **Scanning tunneling microscopy images of the human eye lens B and S crystallins**
Zareie H., ATALAY A., Öğüş A., Pişkin E.
PROBE MICROSCOPY, 1998 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Antik DNA ve Etik**
VURAL B., ATALAY A.
in: Antik DNA - Geçmişin Yankılarında DNA'nın izini sürmek, VURAL BURÇAK, ERTEN YURDAGÜL GAYE, BAYRAM AKÇAPINAR GÜNSELİ, Editor, Ginkobilim, pp.313-328, 2024
- II. **Kanser Hedefli Tedavilerinde Antikor-İlaç Konjugatlarının Geliştirilmesi ve Kullanımı**
Doğan R., Atalay A.
in: Moleküler Biyolojide Yeni Konular, Taştan Hakkı, Editor, İKSAD International Publishing House, Ankara, pp.69-103, 2023
- III. **Polyphenol chlorogenic acid, antioxidant profile, and breast cancer.**
BENDER O., ATALAY A.
in: Cancer; Oxidative Stress and Dietary Antioxidants, Preedy V, Patel V, Editor, Academic Press, Elsevier, Londrina, pp.312-322, 2021
- IV. **Suppression Subtractive Hybridization Technology**
YULUĞ I., ATALAY A.
in: Handbook of Immunohistochemistry and in Situ Hybridization of Human Carcinomas Molecular pathology colorectal carcinoma and prostate carcinoma, Hayat MA, Editor, Elsevier Science/Academic Press, pp.113-126, 2004

Refereed Congress / Symposium Publications in Proceedings

- I. **Generation of a novel anti-EGFR monoclonal antibody CC4-B3-G3-H10 against Epidermal Growth Factor Receptor dimerization domain**
BENDER O., GÜRDAL H., YILMAZ E., ENGİN E. D., ATALAY A.
EACR 2024, Rotterdam, Netherlands, 10 - 13 June 2024, vol.18, pp.312
- II. **The role of Yes-Associated protein (YAP) activity in uterus adenogenesis process**
İnanç İ., Bender O., Atalay A., Köse S. K., Erdemli E.
39th Hybrid Annual Meeting of the ESHRE, Aarhus, Denmark, 25 - 28 June 2023, vol.8
- III. **Beta Elemene Causes Cytotoxicity-mediated Cell Death Against Flt-3 Itd Mutated Acute Myeloid Leukemia**
Doğan R., Atalay A., Anwar S., Bender O.
The Sixth International Symposium on Pharmaceutical and Biomedical Sciences, Gaziantep, Turkey, 26 - 28 May 2022
- IV. **Rekombinant Her3 Antijeninin Üretilmesi**
ATALAY A., DİKİCİ A. K., SAMUR M., DOĞAN R.
International Marmara Sciences Congress, IMASCON 2022, Kocaeli, Turkey, 13 - 15 May 2022
- V. **Real-time cell analysis improves the quality of natural product-based drug screening studies**
Bender O., ATALAY A.
2nd interantional Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 28 - 29 June 2019
- VI. **Evaluation of Anti-Proliferative and Cytotoxic Properties of Chlorogenic Acid against Breast Cancer Cell Lines by Real Time Monitoring. Proceedings**
Bender O., ATALAY A.
2nd International Conference on Natural Products for Cancer Prevention and Therapy, 8 - 11 November 2017, vol.1, pp.1009
- VII. **Hypericum salsugineum inhibits proliferation, migration and colony formation ability of triple-negative and estrogen receptor-positive breast cancer cells**
Bender O., Ceylan R., ZENGİN G., Aktümsek A., ATALAY A.
Gazi Pharma Symposium Series, GPSS 2017, 11 - 13 October 2017
- VIII. **HR-ESI-QTOF-MS Characterization Of Bioactive Components From Two Goji (Lycium Barbarum L.)**

Berries Cultivars And Their Antioxidant, Enzyme Inhibitory And Cytotoxicological Evaluation

Mocan A., Bender O., ZENGİN G., ATALAY A., Mario S., Locatelli M., Rhon S., Crisan G.

3rd International Conference on Natural Products Utilization: From Plants to Pharmacy Shelf, 18 - 21 October 2017

- IX. **Screening the Anti-Proliferative Effects of Some Hypericum Species in MCF-7 Human Breast Cancer Cells by Using Real Time Cellular Impedance Technology**
Bender O., Ceylan R., ZENGİN G., aktümsek a., ATALAY A.
13th Multidisciplinary Cancer Research Congress, Turkey, 27 - 30 October 2016, vol.41, pp.80
- X. **Real time and label free monitoring of cytotoxic activity of Aphloiatheiformis on HEK293 Cell Line**
Bender O., Picot M. C. N., Mahoomodally F. M., ZENGİN G., Loffredo L., Hadji Minaglou F., ATALAY A.
INTERNATIONAL CONFERENCE ON BIOLOGICAL SCIENCES, 21 - 23 October 2016
- XI. **Investigation of Antidesma madagascariense cytotoxicity on HEK293Cells by using iCELLigence biosensor technology**
Bender O., ZENGİN G., Picot M. C. N., Mahomaadally F. M., Loffredo L., Hadgi Minaglou F., Celebi E., ATALAY A.
INTERNATIONAL CONFERENCE ON BIOLOGICAL SCIENCES, 21 - 23 October 2016
- XII. **Adult Mouse ovaries contains putative germline and pluripotent stem cells with the capacity of differentiation into germ and somatic cells**
Esmalian Y., ATALAY A., ERDEMLİ E.
ISSCR 2016 Annual Meeting, San-Francisco, Costa Rica, 22 - 25 June 2016
- XIII. **Adult mouse ovarian stem cells and possibility of neo-oogenesis**
Esmaelilian Y., ATALAY A., ERDEMLİ E.
13th National Histology and Embryology Congress with International Participation, İzmir, Turkey, 30 April - 03 May 2016
- XIV. **Erişkin fare ovaryumu kök hücreleri ve yeniden oogenez olasılığı**
Esmaelilian Y., ERDEMLİ E., ATALAY A.
XIII. Ulusal Histoloji ve Embriyoloji Kongresi, Turkey, 30 April - 03 May 2016
- XV. **Identification of microRNAs responsible for germline soma differentiation in the early embryo and identification of dauer stage specific microRNAs**
ATALAY A.
2nd GENIE Meeting (Group of C.elegans New Investigators in Europe), İstanbul, Turkey, 13 - 15 October 2015
- XVI. **Germline and pluripotent stem cells in adult mouse ovaries and their in vitro differentiation potential**
Esmaelilian Y., ATALAY A., ERDEMLİ E.
13th Annual Meeting of International Society for Stem Cell Research, Stockholm, Sweden, 24 - 27 June 2015
- XVII. **The Effects of Radiation Doses on Osseointegration Exposed from Different Imaging Modalities An In vitro Assesment**
KURT M. H., ÖZTAŞ B., ATALAY A.
Oral Diaognoz ve Maksillofasiyal Radyoloji Derneği 6. Ulusal Sempozyumu ve 1. Uluslararası Katılımlı Kongresi, Turkey, 17 - 19 April 2015
- XVIII. **Farklı görüntüleme cihazları kullanılarak yapılan ışınlamalar sonucunda oluşan radyasyon miktarının osseointegrasyona olan etkisinin değerlendirilmesi**
KURT M. H., ÖZTAŞ B., ATALAY A.
Oral Diaognoz ve Maksillofasiyal Radyoloji Derneği, 6. Ulusal Sempozyumu ve 1. Uluslararası Katılımlı Kongresi, Turkey, 17 - 19 April 2015
- XIX. **Characterization and MicroRNA Expression Profile Analysis of Mesenchymal Stem Cells Derived From Myelodysplastic Syndrome and Acute myeloid leukemia (AML) Patients and Comparison with Healthy Controls**
Ozdogan H., Dedeoglu B. G., Atalay A., Kose S., Yegin Z. A., Avcu F., Cetinkaya D. U., Ilhan O.
41st Annual Meeting of the European-Society-for-Blood-and-Marrow-Transplantation, İstanbul, Turkey, 22 - 25 March 2015, vol.50
- XX. **Germline and somatic stem cells in adult ovaries**

- Esmailian Y., ATALAY A., ERDEMLİ E.
12th National Histology and Embryology Congress, Ankara, Turkey, 27 - 30 May 2014
- XXI. **Erişkin fare ovaryumunda germline ve somatik kök hücre var mıdır?**
esmaeilian y., ATALAY A., ERDEMLİ E.
Uluslararası Katılımlı XIII. Ulusal Histoloji ve Embriyoloji Kongresi, Turkey, 27 - 30 May 2014, pp.98-99
- XXII. **Lipotoksik endoplazmik retikulum stres sonucu ifadesi değişen mikroRNAların tanımlanması ve regüle ettikleri genlerin analizi**
Nadir M., tufanlı ö., Demirsoy Kaya F. F., ERBAY E., ATALAY A.
"XIII. Ulusal Tıbbi Biyoloji ve Genetik Kongresi" (Uluslararası katılımlı), Turkey, 27 - 30 October 2013
- XXIII. **Analysis of global miRNAome profiles in Caenorhabditis elegans oocytes and early embryos**
GÜÇLÜ DURGUN S., ÖZTÜRK A. R., ATALAY A.
The 8th International Symposium on Health Informatics and Bioinformatics, 25 - 27 September 2013
- XXIV. **Investigation of the effects of Turkish folk medicine on Caenorhabditis elegans lifespan**
Ergen N., Hosbas S., ATALAY A., Orhan D. D., ASLAN M. T., Sezik E.
International Congress on Natural Products Research on Global Change, Natural Products and Human Health/8th Joint Meeting of AFERP, ASP, GA, PSE and SIF, New York, United States Of America, 28 July - 01 August 2012, vol.78, pp.1106-1107
- XXV. **Effects of aqueous extracts of Urtica dioica L. leaves on lifespan of Caenorhabditis elegans**
Hosbas S., Ergen N., ATALAY A., Orhan D. D., ASLAN M. T., Sezik E.
59th International Congress and Annual Meeting of the Society-for-Medicinal-Plant-and-Natural-Product-Research, Antalya, Turkey, 4 - 09 September 2011, vol.77, pp.1285
- XXVI. **Investigation of stem cells in adult and pre-adult mouse ovaries**
Esmailian Y., GÜR DEDEOĞLU B., ATALAY A., ERDEMLİ E.
9th Annual Meeting of International Society for Stem Cell Research, Toronto, Canada, 15 - 18 June 2011
- XXVII. **Analysis of microRNAome profiles in C elegans Developmental and Dauer stages by Deep Sequencing**
GÜR DEDEOĞLU B., ATALAY A.
The International Congress on Bioinformatics and Biomics, Aydın, Turkey, 18 - 22 May 2011
- XXVIII. **Investigation of stem cells in mouse ovaries by Real Time-PCR and immunohistochemical methods**
Esmailian Y., GÜR DEDEOĞLU B., ATALAY A., ERDEMLİ E.
1st Stem Cell Symposium with International Participation, Samsun, Turkey, 29 September - 01 October 2010
- XXIX. **Fare Ovaryumu Kök Hücrelerinin Real Time PCR ve İmmunhistokimyasal Yöntemlerle Araştırılması**
Esmailian Y., GÜR DEDEOĞLU B., ATALAY A., ERDEMLİ E.
1. Uluslararası Katılımlı Kök Hücre Sempozyumu, Samsun, Turkey, 29 September - 01 October 2010
- XXX. **P body functions in C elegans germline and embryonic development**
ATALAY A., Boag P., Robida S., Reinke V., Blackwell T.
International Worm Meeting, 2007, 20 - 23 June 2007
- XXXI. **CGH 1 and P body functions in C elegans**
Boag P. R., ATALAY A., Lu J., Reinke V., Blackwell T. K.
Germ Cells Meeting, CSHL, 2006, 11 - 15 October 2006
- XXXII. **Functional analysis of CGH 1 associated proteins in C elegans**
ATALAY A., Lu J., Boag P., Navarro R., Blackwell T.
International Worm Meeting, 2005, 20 - 24 June 2005

Supported Projects

Atalay A., TUBITAK Project, Rekombinant Reseptör Tirozin Kinaz Benzeri Orphan Reseptör-1(Rror1) AntijeniSaflaştırılması, 2023 - 2023

Erdemli E., Atalay A., İnanç İ., TUBITAK Project, Uterus Bez Gelişimi Engellenmiş Farelerde Hippo Sinyal Yolağı Bileşenlerinden YAP ve p-YAP Etkinliğinin Belirlenmesi, 2021 - 2022

Erdemli E., Atalay A., İnanç İ., Project Supported by Higher Education Institutions, Hippo Sinyal Yolağının

Spermatogenez Sürecindeki Varlığının Belirlenmesi, 2020 - 2022

ATALAY A., Project Supported by Higher Education Institutions, CC4-B3-G3-H10 Anti-EGFR Monoklonal Antikorumun Orta Ölçekte Saflaştırılması ve Anti-proliferatif Etkinliğinin Belirlenmesi, 2019 - 2020

Atalay A., TUBITAK Project, Epidermal Büyüme Faktörü Reseptörü Dimerizasyon Bölgesine Nötralizan Monoklonal Anti EGFR Antikoru Geliştirilmesi, 2016 - 2019

Erdemli E., Atalay A., TUBITAK Project, Erişkin fare ovaryumu kök hücrelerinin in vitro farklılaşma potansiyeli, 2015 - 2016

ATALAY A., ERDEMLİ E., Project Supported by Higher Education Institutions, Erişkin fare ovaryumunda olası germline ve pluripotent kök hücrelerin moleküler ve hücresele yöntemlerle araştırılması, 2013 - 2016

Atalay A., TUBITAK Project, Myelodisplastik Sendrom Mds Ve Akut Myeloid Lösemi Aml Hastalarının Kemik İliği Kaynaklı Mezenkimal Kök Hücrelerinin Mkh Karakterizasyonu İle Gen Mikro Rna Mirna İfade Profillerinin Sağlık Kontrolle İle Karşılaştırmalı Analizi, 2012 - 2015

ATALAY A., YILDIZ İ., Project Supported by Higher Education Institutions, Bazı Yeni Antitümör Etkili Heterosiklik Bileşiklerin Sentezi ve Moleküler Modellemesi, 2012 - 2015

Atalay A., TUBITAK Project, Lipotoksik Endoplazmik Retikulum Stres Sonucu İfade Değişen miRNA ların Tanımlanması Ve Regüle Ettiği Genlerin Analizi, 2013 - 2013

Atalay A., TUBITAK Project, Beta Katenin Nükleer Faktör Kappa B Ve Akirin Proteinlerinin Birliktelikleri Ve Kronik Myeloid Lösemide İmatinib Direncindeki Roller, 2011 - 2013

Atalay A., TUBITAK Project, C Elegans Dauer Spesifik Mikrorna Ların Regüle Ettiği Genlerin Analizi, 2011 - 2013

ATALAY A., KURT M. H., Project Supported by Higher Education Institutions, Farklı görüntüleme yöntemleri kullanılarak yapılan ışınlamalar sonucunda oluşan radyasyon miktarının osseointegrasyona etkisinin değerlendirilmesi, 2011 - 2013

Atalay A., TUBITAK Project, Kalıcı Atriyal Fibrilasyonlu ve Sinüs Ritimli Hastalarda Apoptozis İlişkili Genlerin Karşılaştırmalı Analizleri, 2009 - 2012

Atalay A., TUBITAK Project, Rna İnterferanz Rnai Tekniği İle Peste Des Petits Ruminants Virus Pprv Replikasyonunun İnhibe Edilmesi Model Çalışma, 2008 - 2010

Atalay A., TUBITAK Project, Fibroblast Büyüme Faktörü 3 FGF3 Geninde Tanımlanan L6P ve S156P Mutasyonlarının Etkilerinin İn Vitro Analizi, 2008 - 2010

Atalay A., TUBITAK Project, Cgh1 in Erken Embriyogenez Sırasında Maternal Rna Metabolizmasına Etkisi, 2008 - 2009

Metrics

Publication: 63

Citation (WoS): 323

Citation (Scopus): 453

H-Index (WoS): 10

H-Index (Scopus): 11