

Assoc. Prof. ARZU ATALAY

Personal Information

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International Researcher IDs

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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 (Yl) (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 (Yl) (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 Receptor-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 büyümeye faktörü reseptörü dimerizasyon bölgesine nötralizan monoklonal anti-EGFR antikoru geliştirilmesi, Doctorate, O.BENDER(Student), 2020
ATALAY A., Identification of differentially expressed microRNAs and analysis of the genes regulated by them during lipotoxic endoplasmic reticulum stress, Postgraduate, M.NADİR(Student), 2014
ATALAY A., Caenorhabditis elegans oosit ve embriyolarında 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 büyümeye 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. **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)
- II. **Combination of an Oxindole Derivative with (–)-β-Elemene 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)
- III. **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)
- IV. **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)
- V. **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)
- VI. **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)
- VII. **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)
- VIII. **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)
- IX. **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)
- X. **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)
- XI. **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)
- XII. **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., ERDEMİR E.
ZYGOTE, vol.25, no.3, pp.358-375, 2017 (SCI-Expanded)
- XIII. **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)
- XIV. **Traditionally Used *Lathyrus* Species: Phytochemical Composition, Antioxidant Activity, Enzyme Inhibitory Properties, Cytotoxic Effects, and in silico Studies of *L-czecztanianus* 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)
- XV. **Identification of differentially expressed microRNAs during lipotoxic endoplasmic reticulum stress in RAW264.7 macrophages**
Nadir M., Tufanlı O., ERBAY E., ATALAY A.

- TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGİSİ, vol.41, no.3, pp.206-215, 2016 (SCI-Expanded)
- XVI. **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)
- XVII. **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)
- XVIII. **Post-natal oogenesis: a concept for controversy that intensified during the last decade**
Esmaeilian Y., ATALAY A., ERDEMİL İ E.
ZYGOTE, vol.23, no.3, pp.315-326, 2015 (SCI-Expanded)
- XIX. **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)
- XX. **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)
- XXI. **Vitamin C induced oxidation of eye lens gamma crystallins**
ATALAY A., Ogus 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**
Esmaeilian Y., GÜR DEDEOĞLU B., ATALAY A., ERDEMİL İ 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. **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
- II. **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

III. Suppression Subtractive Hybridization Technology

YULUĞ İ., 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. **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, Arhus, Denmark, 25 - 28 June 2023, vol.8
- II. **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
- III. **Rekombinant Her3 Antijeninin Üretilmesi**
ATALAY A., Dikici A. K., Samur M., Doğan R.
International Marmara Sciences Congress, IMASCON 2022, Kocaeli, Turkey, 13 - 15 May 2022
- IV. **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
- V. **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
- VI. **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
- VII. **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
- VIII. **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.
th Multidisciplinary Cancer Research Congress, Turkey, 27 - 30 October 2016, vol.41, pp.80
- IX. **Real time and label free monitoring of cytotoxic activity of Aphloiaetheiformis 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
- X. **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
- XI. **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

- XII. **Adult mouse ovarian stem cells and possibility of neo-oogenesis**
Esmaeilian Y., ATALAY A., ERDEMLİ E.
13th National Histology and Embryology Congress with International Participation, İzmir, Turkey, 30 April - 03 May 2016
- XIII. **Erişkin fare ovaryumu kök hücreleri ve yeniden oogenez olasılığı**
Esmaeilian Y., ERDEMLİ E., ATALAY A.
XIII. Ulusal Histoloji ve Embriyoloji Kongresi, Turkey, 30 April - 03 May 2016
- XIV. **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
- XV. **Germline and pluripotent stem cells in adult mouse ovaries and their in vitro differentiation potential**
Esmaeilian Y., ATALAY A., ERDEMLİ E.
13th Annual Meeting of International Society for Stem Cell Research, Stockholm, Sweden, 24 - 27 June 2015
- XVI. **The Effects of Radiation Doses on Osseointegration Exposed from Different Imaging Modalities An In vitro Assesment**
KURT M. H., ÖZTAŞ B., ATALAY A.
Oral Diagnoz ve Maksillofasiyal Radyoloji Derneği 6. Ulusal Sempozyumu ve 1. Uluslararası Katılımlı Kongresi, Turkey, 17 - 19 April 2015
- XVII. **Farklı görüntüleme cihazları kullanılarak yapılan işinlamlar sonucunda oluşan radyasyon miktarının osseointegrasyona olan etkisinin değerlendirilmesi**
KURT M. H., ÖZTAŞ B., ATALAY A.
Oral Diagnoz ve Maksillofasiyal Radyoloji Derneği, 6.Ulusal Sempozyumu ve 1. Uluslararası Katılımlı Kongresi, Turkey, 17 - 19 April 2015
- XVIII. **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., İlhan O.
41st Annual Meeting of the European-Society-for-Blood-and-Marrow-Transplantation, İstanbul, Turkey, 22 - 25 March 2015, vol.50
- XIX. **Germline and somatic stem cells in adult ovaries**
Esmaeilian Y., ATALAY A., ERDEMLİ E.
12th National Histology and Embryology Congress, Ankara, Turkey, 27 - 30 May 2014
- XX. **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
- XXI. **Lipotoksik endoplazmik retikulum stres sonucu ifadesi değişen mikroRNALARın tanımlanması ve regüle ettiğleri 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
- XXII. **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
- XXIII. **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
- XXIV. **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
- XXV. **Investigation of stem cells in adult and pre-adult mouse ovaries**
Esmaelian Y., GÜR DEDEOĞLU B., ATALAY A., ERDEMELİ E.
9th Annual Meeting of International Society for Stem Cell Research, Toronto, Canada, 15 - 18 June 2011
- XXVI. **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, Aydin, Turkey, 18 - 22 May 2011
- XXVII. **Fare Ovaryumu Kök Hücrelerinin Real Time PCR ve İmmunhistokimyasal Yöntemlerle Araştırılması**
Esmailian Y., GÜR DEDEOĞLU B., ATALAY A., ERDEMELİ E.
1. Uluslararası Katılımlı Kök Hücre Sempozyumu, Samsun, Turkey, 29 September - 01 October 2010
- XXVIII. **Investigation of stem cells in mouse ovaries by Real Time-PCR and immunohistochemical methods**
Esmaelian Y., GÜR DEDEOĞLU B., ATALAY A., ERDEMELİ E.
1st Stem Cell Symposium with International Participation, Samsun, Turkey, 29 September - 01 October 2010
- XXIX. **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
- XXX. **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
- XXXI. **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)
Antijeni Saflaştırılması, 2023 - 2023
- Erdemli E., Atalay A., İnanç İ., TUBITAK Project, Uterus Bez Gelişimi Engellenmiş Farelerde Hippo Sinyal Yolu
Bileşenlerinden YAP ve p-YAP Etkinliğinin Belirlenmesi, 2021 - 2022
- Erdemli E., Atalay A., İnanç İ., Project Supported by Higher Education Institutions, Hippo Sinyal Yolının
Spermatogenezis Sürecindeki Varlığının Belirlenmesi, 2020 - 2022
- ATALAY A., Project Supported by Higher Education Institutions, CC4-B3-G3-H10 Anti-EGFR Monoklonal Antikorunun
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., ERDEMELİ E., Project Supported by Higher Education Institutions, Erişkin fare ovaryumunda olası germline ve
pluripotent kök hücrelerin moleküller ve hücresel 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 Ifade Profillerinin Sağlıklı Kontroller 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 İfadeleri Değişen miRNAların Tanımlanması
Ve Regüle Ettiği Genlerin Analizi, 2013 - 2013
- Atalay A., TUBITAK Project, Beta Katenin Nükleer Faktör Kappa B Ve Akırın Proteinlerinin Birlikteklileri Ve Kronik
Myeloid Lösemide İmatinib Direncindeki Rolleri, 2011 - 2013

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