

Prof. ÖZEN ÖZENSOY GÜLER

Personal Information

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Education Information

Doctorate, Balıkesir University, Institute Of Science, Kimya (Dr), Turkey 2002 - 2006

Postgraduate, Balıkesir University, Institute Of Science, Kimya (Yl) (Tezli), Turkey 1999 - 2002

Undergraduate, Balıkesir University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 1995 - 1999

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Kanser İlişkili Karbonik Anhidraz IX ve XII İzoenzimlerinin (CA-IX, CA-XII) Ekspresyonu, Saflaştırılması ve Bazı Bileşiklere Karşı İnhibisyon Etkilerinin Araştırılması, Balıkesir Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), 2006
Postgraduate, Eritrositlerden Karbonik Anhidraz İzoenzimlerinin Saflaştırılması İçin Yeni Bir Afinite Jelinin Sentezi ve Uygulanması, Balıkesir Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Yl) (Tezli), 2002

Research Areas

Health Sciences, Natural Sciences

Academic Titles / Tasks

Professor, Yıldırım Beyazıt Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2015 - Continues

Associate Professor, Yıldırım Beyazıt Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2012 - Continues

Associate Professor, Yıldırım Beyazıt Üniversitesi, Sağlık Bilimleri Fakültesi, 2011 - 2012

Associate Professor, Balıkesir University, Faculty Of Arts And Sciences, Department Of Chemistry, 2010 - 2011

Assistant Professor, Balıkesir University, Faculty Of Arts And Sciences, Department Of Chemistry, 2006 - 2010

Research Assistant, Balıkesir University, Faculty Of Arts And Sciences, Department Of Chemistry, 2001 - 2006

Academic and Administrative Experience

Yıldırım Beyazıt Üniversitesi, Tıp Fakültesi, 2014 - Continues

Yıldırım Beyazıt Üniversitesi, Sağlık Bilimleri Enstitüsü, 2012 - Continues

Yıldırım Beyazıt Üniversitesi, Tıp Fakültesi, 2011 - 2012

Yıldırım Beyazıt Üniversitesi, Sağlık Bilimleri Fakültesi, Hemşirelik Bölümü, 2011 - 2012

Balıkesir Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2007 - 2010

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **HIF-1 inhibitors: differential effects of Acriflavine and Echinomycin on tumor associated CA-IX enzyme and VEGF in melanoma** Melanomda HIF-1 inhibitörleri olan Akriflavin ve Ekinomisin'in tümör ilişkili CA-IX enzimi ve VEGF proteini üzerine inhibisyon etkilerinin incelenmesi
Bedir B. E. Ö. , TERZİ E., ŞİMŞEK E., Karakuş İ., UYSAL T. K. , ERCAN E., Güler Ö. Ö.
Turkish Journal of Biochemistry, vol.46, no.6, pp.679-684, 2021 (Journal Indexed in SCI Expanded)
- II. **Is carbonic anhydrase inhibition useful as a complementary therapy of Covid-19 infection?**
Deniz S., UYSAL T. K. , Capasso C., Supuran C. T. , ÖZENSOY GÜLER Ö.
Journal of Enzyme Inhibition and Medicinal Chemistry, vol.36, no.1, pp.1230-1235, 2021 (Journal Indexed in SCI Expanded)
- III. **Do CO 2 and oxidative stress induce cancer?: a brief study about the evaluation of PON 1, CAT, CA and XO enzyme levels on head and neck cancer patients**
Mutlu M., Korkmaz M. H. , Simsek E., Terzi E., Bedir B. E. , Uysal T. K. , Bayir O., Saylam G., Guler Ö.
Journal of Enzyme Inhibition and Medicinal Chemistry, vol.34, no.1, pp.459-464, 2019 (Journal Indexed in SCI Expanded)
- IV. **Inhibition of carbonic anhydrase isoforms I, II, IX and XII with secondary sulfonamides incorporating benzothiazole scaffolds**
Petrou A., Geronikaki A., Terzi E., ÖZENSOY GÜLER Ö., Tuccinardi T., Supuran C. T.
Journal of Enzyme Inhibition and Medicinal Chemistry, vol.31, no.6, pp.1306-1311, 2016 (Journal Indexed in SCI Expanded)
- V. **A magnificent enzyme superfamily: carbonic anhydrases, their purification and characterization**
ÖZENSOY GÜLER Ö., Capasso C., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, no.5, pp.689-694, 2016 (Journal Indexed in SCI)
- VI. **Is there a relation between genetic susceptibility with cancer? A study about paraoxanase (PON1) enzyme activity in breast cancer cases**
Kaya M. O. , SİNAN S., ÖZENSOY GÜLER Ö., ARSLAN O.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, no.6, pp.1349-1355, 2016 (Journal Indexed in SCI)
- VII. **A new affinity method for purification of bovine testicular hyaluronidase enzyme and an investigation of the effects of some compounds on this enzyme**
KAYA M. O. , ARSLAN O., ÖZENSOY GÜLER Ö.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.30, no.4, pp.524-527, 2015 (Journal Indexed in SCI)
- VIII. **A new affinity gel for the purification of α -carbonic anhydrases.**
Sahin A., IŞIK S., ARSLAN O., Supuran C. T. , Guler Ö.
Journal of enzyme inhibition and medicinal chemistry, vol.30, no.2, pp.224-8, 2015 (Journal Indexed in SCI Expanded)
- IX. **Differential in vitro inhibition studies of some cerium vanadate derivatives on xanthine oxidase**
Kaya M. O. , Kaya Y., Celik G., KURTULUŞ F., ARSLAN O., ÖZENSOY GÜLER Ö.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.30, no.2, pp.286-289, 2015 (Journal Indexed in SCI)
- X. **Catalase, carbonic anhydrase and xanthine oxidase activities in patients with mycosis fungoides**
Cengiz F. P. , BEYAZTAŞ S., Gokce B., ARSLAN O., ÖZENSOY GÜLER Ö.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.30, no.2, pp.212-215, 2015 (Journal Indexed in SCI)
- XI. **Purification of bovine serum paraoxanase and its immobilization on Eupergit C 250 L by covalent attachment.**
Sayin M., Guler Ö.
Journal of enzyme inhibition and medicinal chemistry, vol.30, no.1, pp.69-74, 2015 (Journal Indexed in SCI)

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- XII. **Synthesis, carbonic anhydrase inhibition and cytotoxic activity of novel chromone-based sulfonamide derivatives.**
Awadallah F. M., El-Waei T. A., Hanna M. M., Abbas S. E., Ceruso M., Oz B. E., Guler Ö., Supuran C. T.
European journal of medicinal chemistry, vol.96, pp.425-35, 2015 (Journal Indexed in SCI Expanded)
- XIII. **Carbonic anhydrase inhibitors. Phenols incorporating 2- or 3-pyridyl-ethenylcarbonyl and tertiary amine moieties strongly inhibit *Saccharomyces cerevisiae* β -carbonic anhydrase.**
BİLGİNER S., Unluer E., GÜL H. İ., METE E., Isik S., Vullo D., Ozensoy-Guler Ö., Beyaztas S., Capasso C., Supuran C. T.
Journal of enzyme inhibition and medicinal chemistry, vol.29, no.4, pp.495-9, 2014 (Journal Indexed in SCI Expanded)
- XIV. **Investigation of heavy metal effects on immobilized paraoxanase by glutaraldehyde.**
Bilen C., BEYAZTAŞ S., ARSLAN O., Guler Ö.
Journal of enzyme inhibition and medicinal chemistry, vol.28, no.3, pp.440-6, 2013 (Journal Indexed in SCI Expanded)
- XV. **In vitro efficacy of some cattle drugs on bovine serum paraoxanase 1 (PON1) activity.**
Arslan M., Gencer N., Arslan O., Guler Ö.
Journal of enzyme inhibition and medicinal chemistry, vol.27, pp.722-9, 2012 (Journal Indexed in SCI Expanded)
- XVI. **Mutation of active site residues Asn67 to Ile, Gln92 to Val and Leu204 to Ser in human carbonic anhydrase II: influences on the catalytic activity and affinity for inhibitors.**
Turkoglu S., Maresca A., Alper M., Kockar F., Işık S., Sinan S., Ozensoy Ö., Arslan O., Supuran C.
Bioorganic & medicinal chemistry, vol.20, pp.2208-13, 2012 (Journal Indexed in SCI Expanded)
- XVII. **Carbonic anhydrase inhibitors: purification and inhibition studies of pigeon (*Columba livia* var. *domestica*) red blood cell carbonic anhydrase with sulfonamides.**
Ozensoy Ö., Arslan M., Supuran C.
Journal of enzyme inhibition and medicinal chemistry, vol.26, pp.749-53, 2011 (Journal Indexed in SCI Expanded)
- XVIII. **Mutation of Phe91 to Asn in human carbonic anhydrase I unexpectedly enhanced both catalytic activity and affinity for sulfonamide inhibitors.**
Kockar F., Maresca A., Aydin M., Işık S., Turkoglu S., Sinan S., Arslan O., Güler Ö., Turan Y., Supuran C.
Bioorganic & medicinal chemistry, vol.18, pp.5498-503, 2010 (Journal Indexed in SCI Expanded)
- XIX. ***Saccharomyces cerevisiae* β -carbonic anhydrase: inhibition and activation studies.**
Isik S., Guler Ö., Kockar F., Aydin M., Arslan O., Supuran C.
Current pharmaceutical design, vol.16, pp.3327-36, 2010 (Journal Indexed in SCI Expanded)
- XX. **Drug design studies of the novel antitumor targets carbonic anhydrase IX and XII.**
Guler Ö., De S., Supuran C.
Current medicinal chemistry, vol.17, pp.1516-26, 2010 (Journal Indexed in SCI Expanded)
- XXI. **Differential in vitro inhibition of polyphenoloxidase from a wild edible mushroom *Lactarius salmonicolor*.**
Dedeoglu N., Guler Ö.
Journal of enzyme inhibition and medicinal chemistry, vol.24, pp.464-70, 2009 (Journal Indexed in SCI Expanded)
- XXII. **Carbonic anhydrase activators: activation of the beta-carbonic anhydrase Nce103 from the yeast *Saccharomyces cerevisiae* with amines and amino acids.**
Isik S., Kockar F., Aydin M., Arslan O., Guler Ö., Innocenti A., Scozzafava A., Supuran C.
Bioorganic & medicinal chemistry letters, vol.19, pp.1662-5, 2009 (Journal Indexed in SCI Expanded)
- XXIII. **Carbonic anhydrase inhibitors: inhibition of the beta-class enzyme from the yeast *Saccharomyces cerevisiae* with sulfonamides and sulfamates.**
Isik S., Kockar F., Aydin M., Arslan O., Guler Ö., Innocenti A., Scozzafava A., Supuran C.
Bioorganic & medicinal chemistry, vol.17, pp.1158-63, 2009 (Journal Indexed in SCI Expanded)
- XXIV. **Carbonic anhydrase inhibitors. Inhibition of the beta-class enzyme from the yeast *Saccharomyces cerevisiae* with anions.**
Isik S., Kockar F., Arslan O., Guler Ö., Innocenti A., Supuran C.
Bioorganic & medicinal chemistry letters, vol.18, pp.6327-31, 2008 (Journal Indexed in SCI Expanded)

- XXV. **Differential in vitro inhibition effects of some antibiotics on tumor associated carbonic anhydrase isozymes of hCA-IX and hCA-XII.**
Ozensoy Ö, Arslan O, Kockar F.
Journal of enzyme inhibition and medicinal chemistry, vol.23, pp.579-85, 2008 (Journal Indexed in SCI Expanded)
- XXVI. **Differential in vitro inhibitory effects of anticancer drugs on tumor-associated carbonic anhydrase isozymes CA IX and CA XII.**
Ozensoy G, Arslan O, Kockar F.
Methods and findings in experimental and clinical pharmacology, vol.30, pp.335-40, 2008 (Journal Indexed in SCI Expanded)
- XXVII. **Characterization of polyphenoloxidase from wild pear (*Pyrus elaeagnifolia*)**
Yerlitürk F. Ü, Arslan O, Sinan S, Gencer N, Özensoy G. Ö.
Journal of Food Biochemistry, vol.32, no.3, pp.368-383, 2008 (Journal Indexed in SCI Expanded)
- XXVIII. **In vitro inhibition of cytosolic carbonic anhydrases I and II by some new dihydroxycoumarin compounds.**
Basaran I, Sinan S, Cakir U, Bulut M, Arslan O, Ozensoy Ö.
Journal of enzyme inhibition and medicinal chemistry, vol.23, pp.32-6, 2008 (Journal Indexed in SCI Expanded)
- XXIX. **Purification of carbonic anhydrase from dog erythrocytes and investigation of in vitro inhibition by various compounds.**
Bayram T, Arslan O, Ugras H, Cakir U, Ozensoy Ö.
Journal of enzyme inhibition and medicinal chemistry, vol.22, pp.739-44, 2007 (Journal Indexed in SCI Expanded)
- XXX. **Carbonic anhydrase inhibitors: inhibition of the human transmembrane isozyme XIV with a library of aromatic/heterocyclic sulfonamides.**
Ozensoy Ö, Nishimori I, Vullo D, Puccetti L, Scozzafava A, Supuran C.
Bioorganic & medicinal chemistry, vol.13, pp.6089-93, 2005 (Journal Indexed in SCI Expanded)
- XXXI. **Carbonic anhydrase inhibitors: inhibition of the tumor-associated isozymes IX and XII with a library of aromatic and heteroaromatic sulfonamides.**
Ozensoy Ö, Puccetti L, Fasolis G, Arslan O, Scozzafava A, Supuran C.
Bioorganic & medicinal chemistry letters, vol.15, pp.4862-6, 2005 (Journal Indexed in SCI Expanded)
- XXXII. **Carbonic anhydrase inhibitors. Inhibition of red blood cell ostrich (*Struthio camelus*) carbonic anhydrase with a series of aromatic and heterocyclic sulfonamides.**
Ozensoy Ö, Isik S, Arslan O, Arslan M, Scozzafava A, Supuran C.
Journal of enzyme inhibition and medicinal chemistry, vol.20, pp.383-7, 2005 (Journal Indexed in SCI Expanded)
- XXXIII. **Purification of mulberry (*Morus alba* L.) polyphenol oxidase by affinity chromatography and investigation of its kinetic and electrophoretic properties**
Arslan O, Erzenegin M, Sinan S, Ozensoy Ö.
Food Chemistry, vol.88, no.3, pp.479-484, 2004 (Journal Indexed in SCI Expanded)
- XXXIV. **In vitro inhibition effects of some new sulfonamide inhibitors on human carbonic anhydrase I and II.**
Cakir U, Uğraş H, Ozensoy Ö, Sinan S, Arslan O.
Journal of enzyme inhibition and medicinal chemistry, vol.19, pp.257-61, 2004 (Journal Indexed in SCI Expanded)
- XXXV. **A new method for purification of carbonic anhydrase isozymes by affinity chromatography.**
Ozensoy Ö, Arslan O, Sinan S.
Biochemistry. Biokhimiia, vol.69, pp.216-9, 2004 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- I. **Carbonic anhydrase IX as a novel candidate in liquid biopsy.**
Ozensoy G, Supuran C, Capasso C.
Journal of enzyme inhibition and medicinal chemistry, vol.35, pp.255-260, 2020 (Refereed Journals of Other Institutions)
- II. **Enzymes During Pregnancy: Cytosolic Carbonic Anhydrase, Catalase, Paraoxonase 1 and Xanthine**

Oxidase Levels

ŞİMŞEK E., YAVUZ A. F., TERZİ E., ÖZ BEDİR B. E., UYSAL T. K., haqverdiyev e., ÖZENSOY GÜLER Ö.
Online Türk Sağlık Bilimleri Dergisi, 2019 (Refereed Journals of Other Institutions)

- III. **Akciğer kanseri hastalarında dolaşımdaki tümör hücrelerini nasıl tespit ederiz? akım sitometrisi ile yapılan kısa bir çalışma**
UYSAL T. K., ŞİMŞEK E., ÇARHAN A., ÖZENSOY GÜLER Ö.
Online Türk Sağlık Bilimleri Dergisi, vol.3, no.4, pp.179-189, 2018 (Refereed Journals of Other Institutions)
- IV. **How could we detect circulating tumor cells in lung cancer patients? A brief study by flow cytometry**
UYSAL T. K., ŞİMŞEK E., ÇARHAN A., ÖZENSOY GÜLER Ö.
Online Türk Sağlık Bilimleri Dergisi, 2018 (Refereed Journals of Other Institutions)
- V. **Determination of Circulating Tumor Cells by Flow Cytometry in the Bladder Cancer Patients**
ERCAN E., ŞİMŞEK E., ÖZENSOY GÜLER Ö., CANDA A. E., ATMACA A. F., ÇARHAN A.
Urology and Andrology, vol.2, no.1, pp.25-30, 2018 (Refereed Journals of Other Institutions)
- VI. **Determination of Circulating Tumor Cells in Peripheral Blood By Flow Cytometry**
ŞİMŞEK E., ÖZENSOY GÜLER Ö., ÇARHAN A., ersan b., ARKAN T. K., dilek y., ercan E., ÖZ B. E., TERZİ E., çalışır e., et al.
Niche, 2016 (Refereed Journals of Other Institutions)
- VII. **Effects of Some Antibiotics on Enzyme Activities of Carbonic Anhydrase from Erythrocytes in Vivo and in Vitro**
SİNAN S., ÖZENSOY GÜLER Ö., ARSLAN M.
Hacettepe Journal of Biology and Chemistry, 2009 (Other Refereed National Journals)
- VIII. **Carbonic anhydrase IX as prognostic marker for tumor progression and as a target for novel antitumor drugs Çağrılı derleme A review**
ÖZENSOY GÜLER Ö., CLAUDIU S.
Turkish Journal of Biochemistry, 2007 (Refereed Journals of Other Institutions)
- IX. **An evaluation of cytosolic erythrocyte carbonic anhydrase and catalase in carcinoma patients An elevation of carbonic anhydrase activity**
ÖZENSOY GÜLER Ö., KÖÇKAR F., ARSLAN O., IŞIK S., SUPURAN C., LYON M.
Clinical Biochemistry, vol.39, no.8, pp.804-809, 2006 (Refereed Journals of Other Institutions)
- X. **Differential in vitro effects of some pesticides on carbonic anhydrase activities from some freshwater and seawater fish erythrocytes**
IŞIK S., KÖÇKAR F., ÖZENSOY GÜLER Ö., ARSLAN O.
Fresenius Environmental Bulletin, vol.13, no.1, 2004 (Refereed Journals of Other Institutions)
- XI. **Carbonic anhydrase from Cyprinus carpio**
ÖZENSOY GÜLER Ö., ARSLAN O., IŞIK S.
Archieve of Fishery and Marine Research, 2003 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **OBSERVATION OF THE EFFECT OF FICUS CARICA FRUIT EXTRACT ON APOPTOTIC INDUCTION ON BONE CANCER CELL LINE**
YALÇINKAYA T., ÇARHAN A., ÖZENSOY GÜLER Ö.
1.INTERNATIOANL CANCER DAYS, Turkey, 19 - 21 September 2019
- II. **Determination of Circulating Tumor Cells by Flow Cytometry in the Bladder Cancer Patients**
ERCAN E., ŞİMŞEK E., ÖZENSOY GÜLER Ö., ÇARHAN A.
TBS International Biochemistry Congress 2018, Muğla, Turkey, 26 - 30 October 2018
- III. **Detection of Circulating Tumor Cells (CTCs) in Various Types of Cancer**
TERZİ E., ŞİMŞEK E., ÖZ BEDİR B. E., UYSAL T. K., ERCAN E., ÇARHAN A., ÖZENSOY GÜLER Ö.
TBS International Biochemistry Congress 2018, Muğla, Turkey, 26 - 30 October 2018
- IV. **The Importance of CTC Heterogeneity**

UYSAL T. K. , ŞİMŞEK E., ÖZ BEDİR B. E. , ERCAN E., TERZİ E., ÖZENSOY GÜLER Ö.

1st International Congress on Cancer and Ion Channels, 21 - 23 September 2017

- V. **Detection of Circulating Tumor Cells (CTCs) in Head and Neck Cancer Patients**
TERZİ E., ŞİMŞEK E., ÇARHAN A., ERCAN E., UYSAL T. K. , ÖZ BEDİR B. E. , ÖZENSOY GÜLER Ö.
1st International Congress on Cancer and Ion Channels, 21 - 23 September 2017
- VI. **The Role of CTC Clusters in Metastasis**
ÖZ BEDİR B. E. , ŞİMŞEK E., UYSAL T. K. , TERZİ E., ERCAN E., ÖZENSOY GÜLER Ö.
1st International Congress on Cancer and Ion Channels, Şanlıurfa, Turkey, 21 - 23 September 2017
- VII. **CTC Detection of Bladder Cancer Patients Before and After Surgery**
ERCAN E., ŞİMŞEK E., ÖZENSOY GÜLER Ö., ATMACA A. F. , CANDA A. E. , ÇARHAN A.
1st International Congress on Cancer and Ion Channels, Şanlıurfa, Turkey, 21 - 23 September 2017
- VIII. **A NEW APPROACH: LIQUID BIOPSY (DETECTING CIRCULATING TUMOUR CELLS)**
UYSAL T. K. , ŞİMŞEK E., ÖZENSOY GÜLER Ö.
INTERNATIONAL DNA DAY AND GENOME CONGRESS, 24 - 28 April 2017
- IX. **DETERMINING CYTOSOLIC CARBONIC ANHYDRASE ENZYME LEVELS DURING PREGNANCY TERMS**
TERZİ E., ŞİMŞEK E., YAVUZ A. F. , ÖZENSOY GÜLER Ö.
INTERNATIONAL DNA DAY AND GENOME CONGRESS 2017, Turkey, 24 - 28 April 2017
- X. **CA-IX AND CA-XII ISOENZYMES: BIOMARKERS OF CANCER?**
ÖZ BEDİR B. E. , ŞİMŞEK E., ÖZENSOY GÜLER Ö.
INTERNATIONAL DNA DAY AND GENOME CONGRESS, 24 - 28 April 2017
- XI. **TARGETING CANCER CELLS WITH NANOTECHNOLOGY**
TERZİ E., ŞİMŞEK E., ÖZENSOY GÜLER Ö.
INTERNATIONAL DNA DAY AND GENOME CONGRESS 2017, 24 - 28 April 2017
- XII. **HOW COULD WE DETECT CIRCULATING TUMOUR CELLS?**
UYSAL T. K. , ŞİMŞEK E., ÖZENSOY GÜLER Ö.
INTERNATIONAL DNA DAY AND GENOME CONGRESS, 24 - 28 April 2017
- XIII. **EXOSOMES: A NEW GENERATION DRUG DELIVERY VEHICLE IN CANCER**
ÖZ BEDİR B. E. , ŞİMŞEK E., ÖZENSOY GÜLER Ö.
INTERNATIONAL DNA DAY AND GENOME CONGRESS, 24 - 28 April 2017
- XIV. **Woman in Science**
ÖZ B. E. , TERZİ E., ARKAN T. K. , ÇARHAN A., ŞİMŞEK E., ÖZENSOY GÜLER Ö.
1st International Women's Congress, 14 - 16 November 2016
- XV. **Being a Women in Science**
ÖZ B. E. , TERZİ E., ARKAN T. K. , ÇARHAN A., ŞİMŞEK E., ÖZENSOY GÜLER Ö.
1st Women's Congress, 14 - 16 November 2016
- XVI. **Women in Science**
ÖZ B. E. , TERZİ E., ARKAN T. K. , ÇARHAN A., ŞİMŞEK E., ÖZENSOY GÜLER Ö.
International Women's Congress, 14 - 16 November 2016
- XVII. **The Role of Women Scientists in Health Sciences**
ÖZENSOY GÜLER Ö.
International Women's Congress, 14 - 16 November 2016
- XVIII. **Circulating tumor cells CTCs in peripheral blood liquid biopsy for cancer patients**
TERZİ E., ŞİMŞEK E., ÇARHAN A., DİLEK Y., TAŞPINAR R., DEVECİOĞLU B., ÖZENSOY GÜLER Ö.
The 41st FEBS Congress, 3 - 08 September 2016
- XIX. **The detection of circulating tumor cells in the peripheral blood samples of prostate cancer patients by flow cytometry before and after surgery**
TAŞPINAR R., ŞİMŞEK E., ÇARHAN A., DEVECİOĞLU B., TERZİ E., DİLEK Y., ÇALIŞIR E., TIRYAKI M., PINARLI F., CANDA A. E. , et al.
41st FEBS congress, 3 - 08 September 2016
- XX. **The detection of circulating tumor cells CTCs in patients with colorectal cancer by flow cytometry**
DİLEK Y., ŞİMŞEK E., ÇARHAN A., TERZİ E., EMRULLAH Ç., TIRYAKI M., PINARLI F., ÖZDEMİR N., ŞENER DEDE D., YALÇIN B., et al.

41th FEBS Congress, 3 - 08 September 2016

XXI. circulating tumor cells as liquid biopsy in larynx cancer

devecioğlu b., ÖZENSOY GÜLER Ö., ÇARHAN A., taşpınar r., TERZİ E., dilek y., çalışır e., tiryaki m., pınarlı f., bayır ö., et al.

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XXII. Differential Inhibition Effects of Benzothiazole Sulfonamide Derivatives on Tumor Associated Carbonic Anhydrase IX XII Enzymes

TERZİ E., petrou a., geronikaki a., ÖZENSOY GÜLER Ö., tuccinardi t., supuran c.

Molecular basis of human diseases: 50 years anniversary of Spetses summer schools, 27 May - 01 June 2016

XXIII. Which cells are resistant to the cancer treatment Circulating tumor cells CTCs or cancer stem cells CSCs

ersan b., ARKAN T. K., ÖZ B. E., ercan E., altundağ m. k., alparslan pınarlı f., güler g., ÖZENSOY GÜLER Ö., ÇARHAN A., ŞİMŞEK E.

10th ISMRC International Symposium on Minimal Residual Cancer: Liquid Biopsy in Cancer Diagnostics and Treatment, 19 - 21 March 2016

XXIV. A novel strategy for determining circulating tumor cells in lung cancer

ARKAN T. K., ÖZ B. E., ersan b., ercan E., ŞENDUR M. A. N., alparslan pınarlı f., ŞİMŞEK E., ÇARHAN A., ÖZENSOY GÜLER Ö.

10th ISMRC International Symposium on Minimal Residual Cancer: Liquid Biopsy in Cancer Diagnostics and Treatment, 19 - 21 March 2016

XXV. Does circulating tumor cell use as a liquid biopsy detector

ÖZ B. E., ARKAN T. K., ersan b., ercan e., yalçinkaya t., ŞİMŞEK E., ÇARHAN A., ÖZENSOY GÜLER Ö.

10th ISMRC International Symposium on Minimal Residual Cancer: Liquid Biopsy in Cancer Diagnostics and Treatment, 19 - 21 March 2016

XXVI. A novel strategy for determining circulating tumour cells in lungcancer

Arkan T. K., ÖZ B. E., Ersan B., Ercan E., ŞENDUR M. A. N., Alparslan Pınarlı F., ŞİMŞEK E., ÇARHAN A., ÖZENSOY GÜLER Ö.

10th ISMRC International Symposium on Minimal Residual Cancer Liquid Biopsy in Cancer Diagnostic and Treatment, Hamburg, Germany, 19 - 21 March 2016, pp.73

XXVII. A non invasive method for bladder cancer Ctc detection with flow cytometry

ercan e., ersan b., ARKAN T. K., ÖZ B. E., CANDA A. E., alparslan pınarlı f., ŞİMŞEK E., ÖZENSOY GÜLER Ö., ÇARHAN A.

10th ISMRC International Symposium on Minimal Residual Cancer: Liquid Biopsy in Cancer Diagnostics and Treatment, 19 - 21 March 2016

XXVIII. Does circulating tumor cell used as a liquid biopsy detector

ÖZ B. E., Arkan T. K., Ersan B., Ercan E., Yalçinkaya T., ŞİMŞEK E., ÇARHAN A., ÖZENSOY GÜLER Ö.

10th ISMRC International Symposium on Minimal Residual Cancer Liquid Biopsy in Cancer Diagnostic and Treatment, Hamburg, Germany, 19 - 21 March 2016, pp.74

XXIX. The importance of the circulating tumor cells in cancer

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