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Personal Information

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Education Information

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Biyoloji (Dr), Turkey 2002 - 2009

Post Graduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Biyoteknoloji (YI) (Tezli), Turkey 2000 - 2002

Under Graduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, Turkey 1996 - 2000

Dissertations

Doctorate, İlaç Dirençli Multipl Myeloma Hücre Hatlarında Farklı Gen Anlatım Analizleri, Middle East Technical University, Graduate School of Natural and Applied Sciences, Biyoloji (Dr), 2009

Post Graduate, Lösemi Hastalarında Çoklu İlaç Dirençliliği Genindeki Polimorfizmlerin Belirlenmesi, Middle East Technical University, Graduate School of Natural and Applied Sciences, Biyoteknoloji (YI) (Tezli), 2002

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Sağlık Ve Rehberlik Merkezi Yüksekokulu, 2002 - 2011

Advising Theses

GÜNDÜZ U., MUTLU P., Targeted co-delivery of doxorubicin and TPGS to breast cancer cells by PLGA coated magnetic nanoparticles, Post Graduate, E.METİN(Student), 2017

MUTLU P., Nek6'nın k-562 ve mcf-7 hücre hatlarında çoklu ilaç dirençliliği ve apoptozdaki işlevleri, Post Graduate, A.NABİOĞLU(Student), 2015

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

- **Characterization of Gemcitabine Loaded Polyhydroxybutyrate Coated Magnetic Nanoparticles for Targeted Drug Delivery**
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● **Half generations magnetic PAMAM dendrimers as an effective system for targeted gemcitabine delivery**

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● **Association between XRCC3 Thr241Met polymorphism and laryngeal cancer susceptibility in Turkish population**

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● **Identification of XRCC1 Arg399Gln and XRCC3 Thr241Met Polymorphisms in a Turkish Population and Their Association with the Risk of Chronic Lymphocytic Leukemia**

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● **Detection of XRCC1 gene polymorphisms in Turkish head and neck squamous cell carcinoma patients: a comparative analysis with different populations**

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● **The-137G/C Polymorphism in Interleukin-18 Gene Promoter Contributes to Chronic Lymphocytic and Chronic Myelogenous Leukemia Risk in Turkish Patients**

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● **Different Types of Cell Cycle- and Apoptosis-Related Gene Expressions Alter in Corticosteroid-, Vincristine-, and Melphalan-Resistant U-266 Multiple Myeloma Cell Lines**

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● **Idarubicin-loaded folic acid conjugated magnetic nanoparticles as a targetable drug delivery system for breast cancer**

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● **Verification of GMO analytical methods: DNA isolation and quantitative detection methods for Roundup Ready soy flour**

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● **Differential gene expression analysis related to extracellular matrix components in drug-resistant RPMI-8226 cell line**

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● **Expression of Multidrug Resistance 1, Lung Resistance Protein and Breast Cancer Resistance Protein Genes in Chronic Leukemias**

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● **UHOD-ULUSLARARASI HEMATOLOJİ-ONKOLOJİ DERGİSİ, vol.21, pp.92-100, 2011 (Journal Indexed in SCI)**

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● **Loading and release efficiencies of Bortezomib on chitosan coated magnetic nanoparticles**

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● FEBS EMBO 2014 Conference, Paris, France, 30 August - 04 September 2014, vol.281, pp.140-141

● **Conjugation of gemcitabine to PAMAM dendrimer-coated magnetic nanoparticles for targeted delivery**

Parsian M., PourianAzar N. T. , Yalcin S., MUTLU P., GÜNDÜZ U.

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● **Effect of doxorubicin loaded CS MNPs on cell proliferation in sensitive and doxorubicin resistant MCF-7 cell lines**

Unsoy G., Khodadust R., Yalcin S., MUTLU P., Pourianazar N. T. , Parsian M., GÜNDÜZ U.

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● **Cellular internalization of Bortezomib loaded CS MNPs by cervical cancer cells**

Unsoy G., Yalcin S., Khodadust R., MUTLU P., Pourianazar N. T. , GÜNDÜZ U.

● FEBS EMBO 2014 Conference, Paris, France, 30 August - 04 September 2014, vol.281, pp.443-444
Chitosan-coated magnetic nanoparticles as vehicles for the delivery of the antitumor drug gemcitabine

Parsian M., Unsoy G., MUTLU P., Yalcin S., PourianAzar N. T. , GÜNDÜZ U.

● FEBS EMBO 2014 Conference, Paris, France, 30 August - 04 September 2014, vol.281, pp.445

Expression of multidrug resistance 1, lung resistance protein and breast cancer resistance protein genes in chronic lymphocytic and chronic myelogeneous leukemia.

Ural A. U. , Iseri O. D. , Mutlu P. K. , Kars M. D. , Avcu F., Gunduz U, Ilhan O.

48th Annual Meeting of the American-Society-of-Hematology, Florida, United States Of America, 9 - 12 December 2006, vol.108

Supported Projects

YÜCEL A. M. , MUTLU P., BOY E., Project Supported by Higher Education Institutions, Genetik Modifiye Bt11 Mısır Ve Rr Soya Ürünlerinde Real-Time Pcr Tekniği Kullanılarak Saptama Ve Miktar Tayini Yöntemlerinin Gerçekleşmesi, 2012 - Continues

GÜNDÜZ U., URFALI MAMATOĞLU Ç., MUTLU P., Project Supported by Higher Education Institutions, Kanser tedavisinde kullanılmak üzere doksorubisin ve CpG-oligonükleotit yüklü manyetik nanoparçacıkların hazırlanması, 2017 - 2017

GÜNDÜZ U., PARSIAN M., Zor F., Yalçın Azarkan S., MUTLU P., METİN E., Project Supported by Higher Education Institutions, Heparin Hedeflemesinde Manyetik Polimerik Nanoparçacık Sistemlerin Geliştirilmesi, 2016 - 2016

GÜNDÜZ U., Yalcin Azarkan S., MUTLU P., Project Supported by Higher Education Institutions, Anti Kanser İlaçYüklü Poli-Hidroksibütirat (PHB) Kaplı Manyetik Nanoparçacıkların Kanser Hücre Hatları Üzerindeki Etkinliğinin İmmünohistokimya Yöntemi İle Belirlenmesi, 2015 - 2015

GÜNDÜZ U., NABIOĞLU A., Yalçın Azarkan S., Ünsoy G., KESKİN D., MUTLU P., Project Supported by Higher Education Institutions, NEK6'nın Apoptoz, Hücre Döngüsü ve İnvazyon Üzerindeki Etkisinin Prednizon Dirençli Multipl Miyelom Hücre Hattında İncelenmesi, 2014 - 2015

GÜNDÜZ U., Yalçın Azarkan S., Ünsoy G., TEZCANER A., MUTLU P., Project Supported by Higher Education Institutions, Kanser Hücre Hatlarında Sirna Yüklü Manyetik Nanoparçacıklar Yoluyla Survivin İfadesinin Engellenmesi, 2012 - 2014

GÜNDÜZ U., Ünsoy G., MUTLU P., Project Supported by Higher Education Institutions, Anti Kanser İlaç Hedeflemesi Amacı İle Hazırlanmış Polimer Kaplı Manyetik Monoparçacıkların İn Vivo Toksikite Analizleri, 2012 - 2014

Citations

Total Citations (WOS):420

h-index (WOS):8