

# Prof. GÜNEŞ ESENDAĞLI

## Personal Information

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## Education Information

Doctorate, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Kanser Enstitüsü Temel Onkoloji Anabilim Dalı, Turkey 2003 - 2007

Postgraduate, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Kanser Enstitüsü Temel Onkoloji Anabilim Dalı, Turkey 2001 - 2003

Undergraduate, İstanbul Üniversitesi, Cerrahpaşa Tıp Fakültesi, Tıbbi Biyolojik Bilimler Bölümü, Turkey 1997 - 2001

## Foreign Languages

English, B2 Upper Intermediate

French, B1 Intermediate

## Dissertations

Doctorate, Kimyasal karsinogenezle oluşturulmuş meme tümör hücrelerinin CD40 ligand ile genetik modifikasyonu ve allojenik aşı preparatı olarak kullanılabilirliğinin değerlendirilmesi, Hacettepe Üniversitesi, Kanser Enstitüsü , Tümör Biyolojisi Ve İmmünolojisi (YI) (Tezli), 2007

Postgraduate, CD40 ligand (CD154) genin ökaryotik ekspresyon vektörüne klonlanması, Hacettepe Üniversitesi, Kanser Enstitüsü , Temel İmmünoloji (YI) (Tezli), 2003

## Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Microbiology and Clinical Microbiology, Immunology, Medical Biology, Life Sciences, Molecular Biology and Genetics, Molecular Biology of Cancer, Natural Sciences

## Academic and Administrative Experience

Hacettepe Üniversitesi, Kanser Enstitüsü , 2012 - Continues

University Executive Board Member, Hacettepe University, 2017 - 2019

## Courses

TİM 601 - Temel İmmünoloji I, Postgraduate, 2017 - 2018

KBI 602-TEMEL İMMÜNOLOJİ VE TÜMÖR BİYOLOJİSİ II, Postgraduate, 2016 - 2017, 2017 - 2018  
KBI 601-TEMEL İMMÜNOLOJİ VE TÜMÖR BİYOLOJİSİ I, Postgraduate, 2016 - 2017, 2017 - 2018  
KBİ 701-TEMEL ONKOLOJİ LABORATUVAR TEKNİKLERİ, Doctorate, 2016 - 2017, 2017 - 2018  
TİM 602 - Temel İmmünoloji II, Postgraduate, 2017 - 2018  
KBİ 722 - TEMEL İMMÜNOLOJİ II, Doctorate, 2016 - 2017, 2017 - 2018  
KBİ 721-TEMEL İMMÜNOLOJİ I, Doctorate, 2016 - 2017, 2017 - 2018

## Advising Theses

ESENDAĞLI G., The effect of inducible costimulatory ligand (İCOS-LG) expressing myeloid leukemia cells on helper t lymphocyte activation and exhaustion, Postgraduate, D.ÖZKAZANÇ(Student), 2015  
ESENDAĞLI G., All-trans retinoik asit (ATRA) ve 1 $\alpha$ ,25-dihidroksivitamin D3 (vitamin D3) ile uyarılan akut miyeloid lösemi hücrelerinin T hücre yanıtları üzerine etkisi, Postgraduate, D.YÖYEN(Student), 2014  
GÜÇ D., ESENDAĞLI G., Fibroblast-breast cancer cells' interaction and Chemerin expression, Doctorate, D.RAMA(Student), 2011

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

- I. **Development of curcumin and docetaxel co-loaded actively targeted PLGA nanoparticles to overcome blood brain barrier**  
Seko I., TONBUL H., Tavukcuoglu E., Sahin A., AKBAŞ S., Yanik H., ÖZTÜRK S. C. , ESENDAĞLI G., Khan M., ÇAPAN Y.  
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.66, 2021 (Journal Indexed in SCI)
- II. **Therapeutic efficacy and gastrointestinal biodistribution of polycationic nanoparticles for oral camptothecin delivery in early and late-stage colorectal tumor-bearing animal model**  
Unal S., ÖZTÜRK S. C. , BİLGİÇ E., Yanik H., KORKUSUZ P., AKTAŞ Y., Benito J. M. , ESENDAĞLI G., BİLENSOY E.  
EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS, vol.169, pp.168-177, 2021 (Journal Indexed in SCI)
- III. **Functional responsiveness of memory T cells from COVID-19 patients**  
Tavukcuoglu E., Horzum U., İNKAYA A. Ç. , ÜNAL S., ESENDAĞLI G.  
CELLULAR IMMUNOLOGY, vol.365, 2021 (Journal Indexed in SCI)
- IV. **Small cell lung cancer stem cells display mesenchymal properties and exploit immune checkpoint pathways in activated cytotoxic T lymphocytes**  
KURŞUNEL M. A. , Taskiran E. Z. , Tavukcuoglu E., Yanik H., Demirag F., KARAOSMANOĞLU B., Ozbay F. G. , ÜNER A., Esendagli D., Kizilgoz D., et al.  
CANCER IMMUNOLOGY IMMUNOTHERAPY, 2021 (Journal Indexed in SCI)
- V. **Folic acid decoration of mesoporous silica nanoparticles to increase cellular uptake and cytotoxic activity of doxorubicin in human breast cancer cells**  
TONBUL H., Sahin A., Tavukcuoglu E., Ultav G., AKBAŞ S., AKTAŞ Y., ESENDAĞLI G., ÇAPAN Y.  
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.63, 2021 (Journal Indexed in SCI)
- VI. **Proerythroblast Cells of Diamond-Blackfan Anemia Patients With RPS19 and CECR1 Mutations Have Similar Transcriptomic Signature**  
KARAOSMANOĞLU B., KURŞUNEL M. A. , ÇETİNKAYA F. D. , GÜMRÜK F., ESENDAĞLI G., ÜNAL Ş., Taskiran E. Z.  
FRONTIERS IN PHYSIOLOGY, vol.12, 2021 (Journal Indexed in SCI)
- VII. **A robust optimization approach for the breast cancer targeted design of PetOx-b-PLA polymersomes**  
ÖZ U. C. , Bolat Z. B. , Ozkose U. U. , Gulyuz S., KÜÇÜKTÜRKMEN B., PARLAK KHALİLY M., ÖZÇUBUKÇU S., Yilmaz O., TELCİ D., ESENDAĞLI G., et al.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.123, 2021 (Journal Indexed in SCI)
- VIII. **Clinical Relevance of Polymorphonuclear Myeloid-Derived Suppressor Cells in Autoimmune-**

### **Blistering Disorders Pemphigus Vulgaris and Bullous Pemphigoid**

Oktem A., Horzum U., Ertop P., KUNDAKCI N., Akay B. N. , Yalcin B., ESENDAĞLI G.

JOURNAL OF INVESTIGATIVE DERMATOLOGY, vol.141, no.3, pp.672-676, 2021 (Journal Indexed in SCI)

- IX. **Therapeutic efficacy and biodistribution of paclitaxel-bound amphiphilic cyclodextrin nanoparticles: Analyses in 3D tumor culture and tumor-bearing animals in vivo**  
Varan G., VARAN C., ÖZTÜRK S. C. , Benito J. M. , ESENDAĞLI G., BİLENSOY E.  
Nanomaterials, vol.11, no.2, pp.1-18, 2021 (Journal Indexed in SCI)
- X. **An immunological and transcriptomics approach on differential modulation of NK cells in multiple sclerosis patients under interferon-beta 1 and fingolimod therapy**  
Acar N. P. , Tuncer A., Ozkazanc D., Ozbay F. G. , KARAOSMANOĞLU B., Goksen S., Sayat G., Taskiran E. Z. , ESENDAĞLI G., KARABUDAK R.  
JOURNAL OF NEUROIMMUNOLOGY, vol.347, 2020 (Journal Indexed in SCI)
- XI. **Human splenic polymorphonuclear myeloid-derived suppressor cells (PMN-MDSC) are strategically located immune regulatory cells in cancer**  
Tavukcuoglu E., Horzum U., Yanik H., ÜNER A., Yoyen-Ermis D., NURAL S. K. , Aydin B., SÖKMENSÜER C., KARAKOÇ D., Yilmaz K. B. , et al.  
EUROPEAN JOURNAL OF IMMUNOLOGY, 2020 (Journal Indexed in SCI)
- XII. **CD66b(+) monocytes represent a proinflammatory myeloid subpopulation in cancer**  
Horzum U., Yoyen-Ermis D., Taskiran E. Z. , Yilmaz K. B. , HAMALOĞLU E., KARAKOÇ D., ESENDAĞLI G.  
CANCER IMMUNOLOGY IMMUNOTHERAPY, 2020 (Journal Indexed in SCI)
- XIII. **Development and in vitro evaluation of temozolomide-loaded PLGA nanoparticles in a thermoreversible hydrogel system for local administration in glioblastoma multiforme**  
Sayiner O., Arisoy S., ÇOMOĞLU T., Ozbay F. G. , ESENDAĞLI G.  
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.57, 2020 (Journal Indexed in SCI)
- XIV. **Design and in vitro evaluation of folate-targeted, co-drug encapsulated theranostic liposomes for non-small cell lung cancer**  
KARPUZ M., Silindir-Gunay M., Kursunel M. A. , ESENDAĞLI G., DOĞAN A., ÖZER A. Y.  
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.57, 2020 (Journal Indexed in SCI)
- XV. **Aggregation of chitosan nanoparticles in cell culture: Reasons and resolutions**  
Ozturk K., Arslan F. B. , Tavukcuoglu E., ESENDAĞLI G., ÇALIŞ S.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.578, 2020 (Journal Indexed in SCI)
- XVI. **Development and in vitro evaluation of a new adjuvant system containing Salmonella Typhi porins and chitosan**  
YÜKSEL S., PEKCAN M., PURALI N., ESENDAĞLI G., Tavukcuoglu E., Rivero-Arredondo V., Ontiveros-Padilla L., Lopez-Macias C., ŞENEL S.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.578, 2020 (Journal Indexed in SCI)
- XVII. **PD-L2(+) wound zone macrophage-like cells display M1/M2-mixed activation and restrain the effector Th1 responses**  
Tavukcuoglu E., Horzum U., Yilmaz K. B. , ESENDAĞLI G.  
IMMUNOLOGY AND CELL BIOLOGY, vol.98, no.2, pp.152-164, 2020 (Journal Indexed in SCI)
- XVIII. **Protocol to assess the suppression of T-cell proliferation by human MDSC**  
Bruger A. M. , Vanhaver C., Bruderek K., Amodio G., Tavukcuoglu E., ESENDAĞLI G., Gregori S., Brandau S., van der Bruggen P.  
TUMOR IMMUNOLOGY AND IMMUNOTHERAPY - CELLULAR METHODS, PT B, vol.632, pp.155-192, 2020 (Journal Indexed in SCI)
- XIX. **Differential expansion of circulating human MDSC subsets in patients with cancer, infection and inflammation**  
Cassetta L., Bruderek K., Skrzeczynska-Moncznik J., Osiecka O., Hu X., Rundgren I. M. , Lin A., Santegoets K., Horzum U., Godinho-Santos A., et al.  
JOURNAL FOR IMMUNOTHERAPY OF CANCER, vol.8, no.2, 2020 (Journal Indexed in SCI)
- XX. **A method for high-purity isolation of neutrophil granulocytes for functional cell migration assays**

Avci E., Akkaya-Ulum Y. Z. , Yoyen-Ermis D., ESENDAĞLI G., Balci-Peynircioglu B.

TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.44, no.6, pp.810-821, 2019 (Journal Indexed in SCI)

- XXI. **Combination drug delivery with actively-targeted PLGA nanoparticles to overcome multidrug resistance in breast cancer**  
Tonbul H., Sahin A., Tavukcuoglu E., ESENDAĞLI G., ÇAPAN Y.  
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.54, 2019 (Journal Indexed in SCI)
- XXII. **Identification of circulating MOG-specific B cells in patients with MOG antibodies**  
Winkmeier S., Schlueter M., Spadaro M., Thaler F. S. , Vural A., Gerhards R., Macrini C., Mader S. A. , Kurne A., İNAN B., et al.  
NEUROLOGY-NEUROIMMUNOLOGY & NEUROINFLAMMATION, vol.6, no.6, 2019 (Journal Indexed in SCI)
- XXIII. **Myeloid maturation potentiates STAT3-mediated atypical IFN-gamma signaling and upregulation of PD-1 ligands in AML and MDS**  
Yoyen-Ermis D., Tunali G., Tavukcuoglu E., Horzum U., Ozkazanc D., Sutlu T., BÜYÜKAŞIK Y., ESENDAĞLI G.  
SCIENTIFIC REPORTS, vol.9, 2019 (Journal Indexed in SCI)
- XXIV. **Primary tumor resection for initially staged IV breast cancer An emphasis on programmed death-ligand 1 expression, promoter methylation status, and survival**  
Erol T., İmamoğlu N., Aydin B., Taşkıran Z., Esendağlı G., Kösemehmetoğlu K., Baykal A.  
MEDICINE, vol.98, no.33, 2019 (Journal Indexed in SCI)
- XXV. **Dual actions of the antioxidant chlorophyllin, a glutathione transferase P1-1 inhibitor, in tumorigenesis and tumor progression**  
ÖZCAN M., ESENDAĞLI G., Musdal Y., CANPINAR H., BACANLI M., Anlar H. G. , Esendagli-Yilmaz G., Beyramzadeh M., AKSOY Y.  
JOURNAL OF CELLULAR BIOCHEMISTRY, vol.120, no.5, pp.7045-7055, 2019 (Journal Indexed in SCI)
- XXVI. **How to measure the immunosuppressive activity of MDSC: assays, problems and potential solutions**  
Bruger A. M. , Dorhoi A., ESENDAĞLI G., Barczyk-Kahlert K., van der Bruggen P., Lipoldova M., Perecko T., Santibanez J., Saraiva M., Van Ginderachter J. A. , et al.  
CANCER IMMUNOLOGY IMMUNOTHERAPY, vol.68, no.4, pp.631-644, 2019 (Journal Indexed in SCI)
- XXVII. **Efficacy of a novel LyP-1-containing self-microemulsifying drug delivery system (SMEDDS) for active targeting to breast cancer**  
TİMUR S. S. , Yoyen-Ermis D., Esendagli G., Yonat S., Horzum U., ESENDAĞLI G., GÜRİSOY R. N.  
EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS, vol.136, pp.138-146, 2019 (Journal Indexed in SCI)
- XXVIII. **A Novel Missense LIG4 Mutation in a Patient With a Phenotype Mimicking Behcet's Disease**  
Taskiran E., Sonmez H., Kosukcu C., Tavukcuoglu E., Yazici G., Esendagli G., Batu E., Kiper P., Bilginer Y., Alikasifoglu M., et al.  
JOURNAL OF CLINICAL IMMUNOLOGY, vol.39, no.1, pp.99-105, 2019 (Journal Indexed in SCI)
- XXIX. **The fibrogenic activation kinetics of stromal stem cells in three different skeletal muscle degeneration models**  
Ozdemir C., Akcay D., Ermis D. Y. , ESENDAĞLI G., Kocaefe C.  
FEBS OPEN BIO, vol.8, pp.93, 2018 (Journal Indexed in SCI)
- XXX. **Dual Effect of Glucocorticoid-Induced Tumor Necrosis Factor-Related Receptor Ligand Carrying Mesenchymal Stromal Cells on Small Cell Lung Cancer: A Preliminary in vitro Study**  
KÖPRÜ C. Z. , Cagnan I., AKAR İ., ESENDAĞLI G., KORKUSUZ P., Gunel-Ozcan A.  
CYTOTHERAPY, vol.20, no.7, pp.930-940, 2018 (Journal Indexed in SCI)
- XXXI. **Tumor-Induced Myeloid Cells Are Reduced by Gemcitabine-Loaded PAMAM Dendrimers Decorated with Anti-Flt1 Antibody**  
Yoyen-Ermis D., Ozturk-Atar K., KURŞUNEL M. A. , Aydin C., Ozkazanc D., Gurbuz M. U. , ÜNER A., TÜLÜ M., ÇALIŞ S., ESENDAĞLI G.  
MOLECULAR PHARMACEUTICS, vol.15, no.4, pp.1526-1533, 2018 (Journal Indexed in SCI)
- XXXII. **Impact of repeated abdominal surgery on wound healing and myeloid cell dynamics**

- ESENDAĞLI G., Yoyen-Ermis D., Guseinov E., Aras C., Aydin C., ÜNER A., HAMALOĞLU E., KARAKOÇ D.  
JOURNAL OF SURGICAL RESEARCH, vol.223, pp.188-197, 2018 (Journal Indexed in SCI)
- XXXIII. **Therapeutic efficacy of folate receptor-targeted amphiphilic cyclodextrin nanoparticles as a novel vehicle for paclitaxel delivery in breast cancer**  
ERDOĞAR N., ESENDAĞLI G., Nielsen T. T. , Esendagli-Yilmaz G., Yoyen-Ermis D., Erdogdu B., SARGON M. F. , EROĞLU H., BİLENSOY E.  
JOURNAL OF DRUG TARGETING, vol.26, no.1, pp.66-74, 2018 (Journal Indexed in SCI)
- XXXIV. **Development of novel self-assembled polymeric micelles from partially hydrolysed poly(2-ethyl-2-oxazoline)-co-PEI-b-PCL block copolymer as non-viral vectors for plasmid DNA in vitro transfection**  
Kara A., Ozturk N., ESENDAĞLI G., Ozkose U. U. , Gulyuz S., Yilmaz O., Telci D., Bozkir A., VURAL İ.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.46, 2018 (Journal Indexed in SCI)
- XXXV. **Effect of Usnic Acid/Paclitaxel Co-Administration on Mouse (4T1) Breast Cancer Cell Lines**  
DİNÇSOY A. B. , Ermis D. Y. , CANSARAN DUMAN D., TUNCER M., KARABULUT İ., ESENDAĞLI G.  
ACTA PHYSIOLOGICA, vol.221, pp.40-41, 2017 (Journal Indexed in SCI)
- XXXVI. **A Co-Inhibitory Alliance in Myeloid Leukemia: TIM-3/Galectin-9 Complex as a New Target for Checkpoint Blockade Therapy**  
KURŞUNEL M. A. , ESENDAĞLI G.  
EBIOMEDICINE, vol.23, pp.6-7, 2017 (Journal Indexed in SCI)
- XXXVII. **Effective targeting of gemcitabine to pancreatic cancer through PEG-cored Flt-1 antibody-conjugated dendrimers**  
Ozturk K., ESENDAĞLI G., Gurbuz M. U. , TÜLÜ M., ÇALIŞ S.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.517, pp.157-167, 2017 (Journal Indexed in SCI)
- XXXVIII. **Th1 cells in cancer-associated inflammation**  
Dinc Akbulut G., Ozkazanc D., ESENDAĞLI G.  
TURKISH JOURNAL OF BIOLOGY, vol.41, no.1, pp.20-30, 2017 (Journal Indexed in SCI)
- XXXIX. **Evaluation of brain-targeted chitosan nanoparticles through blood-brain barrier cerebral microvessel endothelial cells**  
Sahin A., Yoyen-Ermis D., Caban-Toktas S., Horzum U., AKTAŞ Y., Couvreur P., ESENDAĞLI G., ÇAPAN Y.  
JOURNAL OF MICROENCAPSULATION, vol.34, no.7, pp.659-666, 2017 (Journal Indexed in SCI)
- XL. **Splenectomy-Induced Leukocytosis Promotes Intratumoral Accumulation of Myeloid-Derived Suppressor Cells, Angiogenesis and Metastasis**  
Sevmis M., Yoyen-Ermis D., Aydin C., BİLGİÇ E., KORKUSUZ P., ÜNER A., HAMALOĞLU E., ESENDAĞLI G., KARAKOÇ D.  
IMMUNOLOGICAL INVESTIGATIONS, vol.46, no.7, pp.663-676, 2017 (Journal Indexed in SCI)
- XLI. **A small variation in average particle size of PLGA nanoparticles prepared by nanoprecipitation leads to considerable change in nanoparticles' characteristics and efficacy of intracellular delivery**  
ŞAHİN A., ESENDAĞLI G., YERLİKAYA F., Caban-Toktas S., Yoyen-Ermis D., HORZUM U., AKTAŞ Y., Khan M., Couvreur P., ÇAPAN Y.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.45, no.8, pp.1657-1664, 2017 (Journal Indexed in SCI)
- XLII. **Functional exhaustion of CD4(+) T cells induced by co-stimulatory signals from myeloid leukaemia cells**  
Özkazanç D., Yöyen-Ermiş D., Tavukçuoğlu E., BÜYÜKAŞIK Y., ESENDAĞLI G.  
IMMUNOLOGY, vol.149, no.4, pp.460-471, 2016 (Journal Indexed in SCI)
- XLIII. **The untold story of IFN-gamma in cancer biology**  
KURŞUNEL M. A. , ESENDAĞLI G.  
CYTOKINE & GROWTH FACTOR REVIEWS, vol.31, pp.73-81, 2016 (Journal Indexed in SCI)
- XLIV. **Design and optimization of novel paclitaxel-loaded folate-conjugated amphiphilic cyclodextrin nanoparticles**  
ERDOĞAR N., ESENDAĞLI G., Nielsen T. T. , ŞEN M., ÖNER L., BİLENSOY E.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.509, pp.375-390, 2016 (Journal Indexed in SCI)
- XLV. **Cytotoxicity and biodistribution studies on PEGylated EDA and PEG cored PAMAM dendrimers**

Gurbuz M. U. , Ozturk K, Erturk A. S. , YOYEN-ERMIS D., ESENDAĞLI G., ÇALIŞ S., TÜLÜ M.

JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.27, no.16, pp.1645-1658, 2016 (Journal Indexed in SCI)

- XLVI. **CXCL7-induced macrophage infiltration in lung tumor is independent of CXCR2 expression: CXCL7-induced macrophage chemotaxis in LLC tumors.**  
Unver N., ESENDAGLI G., YILMAZ G., GUC D.  
Cytokine, vol.75, pp.330-7, 2015 (Journal Indexed in SCI Expanded)
- XLVII. **Immune system in cancer and hydatid disease: cross-reactivity vs. immune modulation**  
ESENDAĞLI G., ABBASOĞLU O.  
PARASITE IMMUNOLOGY, vol.37, no.8, pp.427-428, 2015 (Journal Indexed in SCI)
- XLVIII. **Granulocytic subset of myeloid derived suppressor cells in rats with mammary carcinoma**  
DOLEN Y., GÜNEYDİN G., ESENDAĞLI G., GUC D.  
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- XLIX. **Co-existence of Echinococcus granulosus infection and cancer metastasis in the liver correlates with reduced Th1 immune responses**  
Turhan N., ESENDAĞLI G., Ozkayar O., Tunali G., SÖKMENSÜER C., ABBASOĞLU O.  
PARASITE IMMUNOLOGY, vol.37, no.1, pp.16-22, 2015 (Journal Indexed in SCI)
- L. **CRAM-A indicates IFN-gamma-associated inflammatory response in breast cancer**  
SARMADI P., Tunali G., Esendagli-Yilmaz G., YILMAZ K. B. , ESENDAĞLI G.  
MOLECULAR IMMUNOLOGY, vol.68, no.2, pp.692-698, 2015 (Journal Indexed in SCI)
- LI. **Promotion of experimental autoimmune encephalomyelitis upon neutrophil granulocytes' stimulation with formyl-methionyl-leucyl-phenylalanine (fMLP) peptide**  
KILIÇ A., ESENDAĞLI G., SAYAT G., TALİM B., KARABUDAK R., KURNE A.  
AUTOIMMUNITY, vol.48, no.6, pp.423-428, 2015 (Journal Indexed in SCI)
- LII. **T helper responses are maintained by basal-like breast cancer cells and confer to immune modulation via upregulation of PD-1 ligands**  
Karasar P., ESENDAĞLI G.  
BREAST CANCER RESEARCH AND TREATMENT, vol.145, no.3, pp.605-614, 2014 (Journal Indexed in SCI)
- LIII. **Spheroid formation and invasion capacity are differentially influenced by co-cultures of fibroblast and macrophage cells in breast cancer**  
Rama-Esendagli D., ESENDAĞLI G., Yilmaz G., Guc D.  
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- LIV. **Surface modification and evaluation of PLGA nanoparticles: the effects on cellular uptake and cell proliferation on the HT-29 cell line**  
Sengel-Turk C. T. , Hascicek C., DOĞAN A., ESENDAĞLI G., GUC D., GONUL N.  
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.24, no.2, pp.166-172, 2014 (Journal Indexed in SCI)
- LV. **A co-stimulatory trap set by myeloid leukemia cells**  
Esendagli G.  
ONCOIMMUNOLOGY, vol.2, no.6, 2013 (Journal Indexed in SCI)
- LVI. **Myeloid leukemia cells with a B7-2(+) subpopulation provoke Th-cell responses and become immuno-suppressive through the modulation of B7 ligands**  
Dolen Y., ESENDAĞLI G.  
EUROPEAN JOURNAL OF IMMUNOLOGY, vol.43, no.3, pp.747-757, 2013 (Journal Indexed in SCI)
- LVII. **Evaluation of Th17-related cytokines and receptors in multiple sclerosis patients under interferon beta-1 therapy**  
ESENDAĞLI G., Kurne A. T. , Sayat G., Kilic A. K. , Guc D., KARABUDAK R.  
JOURNAL OF NEUROIMMUNOLOGY, vol.255, pp.81-84, 2013 (Journal Indexed in SCI)
- LVIII. **The effect of granulocyte colony stimulating factor receptor gene missense single nucleotide polymorphisms on peripheral blood stem cell enrichment**  
CAMURDANOĞLU B. Z. , ESENDAĞLI G., Ozdemir E., CANPINAR H., GUC D., KANSU E.

- CYTOKINE, vol.61, no.2, pp.572-577, 2013 (Journal Indexed in SCI)
- LIX. **Preparation and in vitro evaluation of meloxicam-loaded PLGA nanoparticles on HT-29 human colon adenocarcinoma cells**  
Sengel-Turk C. T. , Hascicek C., DOĞAN A., ESENDAĞLI G., Guc D., Gonul N.  
DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, vol.38, no.9, pp.1107-1116, 2012 (Journal Indexed in SCI)
- LX. **Injectable biodegradable polymeric system for preserving the active form and delayed-release of camptothecin anticancer drugs**  
Mert O., ESENDAĞLI G., DOĞAN A., DEMİR A. G.  
RSC ADVANCES, vol.2, no.1, pp.176-185, 2012 (Journal Indexed in SCI)
- LXI. **Expression of chemokine-like receptor 1 (CMKLR1) on J744A.1 macrophages co-cultured with fibroblast and/or tumor cells: Modeling the influence of microenvironment**  
Rama D., ESENDAĞLI G., Guc D.  
CELLULAR IMMUNOLOGY, vol.271, no.1, pp.134-140, 2011 (Journal Indexed in SCI)
- LXII. **Analysis of BAFF and TRAIL expression levels in multiple sclerosis patients: evaluation of expression under immunomodulatory therapy**  
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## Supported Projects

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