

## Assoc. Prof. GÜRCAN GÜNAYDIN

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: F-8343-2019

ScopusID: 54398612800

Yoksis Researcher ID: 259828

### Education Information

Doctorate, Hacettepe University, Temel Onkoloji, Turkey 2007 - 2013

Undergraduate, Hacettepe University, Tıp Fakültesi, Turkey 2004 - 2010

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, The effects of tumor microenvironment on t cell responses in a rat chemical mammary carcinoma model, Hacettepe Üniversitesi, Kanser Enstitüsü, Tümör Biyolojisi Ve İmmünoloji (Dr), 2013

### Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Internal Medicine Sciences, Internal Diseases , Oncology, Life Sciences, Molecular Biology and Genetics, Molecular Biology of Cancer, Natural Sciences

### Academic Titles / Tasks

Associate Professor, Hacettepe University, Kanser Enstitüsü, Temel Onkoloji A.B.D., 2020 - Continues

Assistant Professor, Hacettepe University, Kanser Enstitüsü, Temel Onkoloji A.B.D., 2018 - 2020

Assistant Professor, Hacettepe University, Kanser Enstitüsü, Temel Onkoloji A.B.D., 2016 - 2018

### Courses

KBİ 601 - Temel İmmünoloji ve Tümör Biyolojisi I, Postgraduate, 2017 - 2018, 2016 - 2017

KBI 721 - Temel İmmünoloji I, Doctorate, 2017 - 2018, 2016 - 2017  
TİM 601 - Temel İmmünoloji I, Postgraduate, 2017 - 2018, 2016 - 2017  
TIM 602 Temel İmmünoloji II, Postgraduate, 2016 - 2017  
KBI 602 Temel İmmünoloji ve Tümör Biyolojisi II, Postgraduate, 2016 - 2017  
KBI722 Temel İmmünoloji II, Doctorate, 2016 - 2017

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Radiosensitising Effects of Metformin Added to Concomitant Chemoradiotherapy with Cisplatin in Cervical Cancer**  
Beduk Esen C., Gedik M., CANPINAR H., YEDEKÇİ F. Y., YILDIZ F. B., GÜNAYDIN G., GÜLTEKİN M.  
Clinical Oncology, vol.35, no.11, pp.744-755, 2023 (SCI-Expanded)
- II. **NI-BODIPY-GO Nanocomposites for Targeted PDT**  
Öztürk Gündüz E., Tasasız B., Gedik M. E., Günaydin G., Okutan E.  
ACS Omega, vol.8, no.9, pp.8320-8331, 2023 (SCI-Expanded)
- III. **Can endocan serve as a molecular "hepatostat" in liver regeneration?**  
YAZICI S. E., Gedik M. E., LEBLEBİCİ C. B., KÖSEMEHMETOĞLU K., GÜNAYDIN G., DOĞRUL A. B.  
Molecular medicine (Cambridge, Mass.), vol.29, no.1, pp.29, 2023 (SCI-Expanded)
- IV. **BODIPY-GO nanocomposites decorated with a biocompatible branched ethylene glycol moiety for targeted PDT**  
Ozturk Gunduz E., Atajanov ., Gedik M. E., Esra Tanriverdi Ecik ., Günaydin G., Okutan E.  
DALTON TRANSACTIONS, vol.1, no.1, pp.1-12, 2023 (SCI-Expanded)
- V. **Candidate Angiogenesis-Related Biomarkers in Patients with Laryngeal Carcinoma (AngLaC): A Prospective Cohort Study**  
Pamuk A. E., Gedik M. E., Sutay Suslu N., Gunaydin G.  
OTOLARYNGOLOGY - HEAD AND NECK SURGERY, vol.00, no.00, pp.1-10, 2023 (SCI-Expanded)
- VI. **Carboplatin and decitabine loaded lipid-coated albumin nanoparticles for an efficient treatment of platinum-resistant ovarian cancer**  
EŞİM Ö., HASÇİÇEK C., Gedik M. E., GÜNAYDIN G., DOĞAN A. L.  
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.76, 2022 (SCI-Expanded)
- VII. **Activation induced cytidine deaminase: An old friend with new faces**  
cakan E., GÜNAYDIN G.  
FRONTIERS IN IMMUNOLOGY, vol.13, 2022 (SCI-Expanded)
- VIII. **Immunometabolism - The Role of Branched-Chain Amino Acids**  
Yahsi B., GÜNAYDIN G.  
FRONTIERS IN IMMUNOLOGY, vol.13, 2022 (SCI-Expanded)
- IX. **Amphiphilic Fullerene-BODIPY Photosensitizers for Targeted Photodynamic Therapy**  
Gunduz E. O., Gedik M. E., GÜNAYDIN G., Okutan E.  
CHEMMEDCHEM, vol.17, no.6, 2022 (SCI-Expanded)
- X. **Cancer-associated fibroblasts isolation from tumor tissues of breast cancer patients and and investigation of Akt/FOXO and mTOR/eEF2K signalling pathway activations**  
Sarioglu G., Gedik M. E., KONAN A., DOĞRUL A. B., KÖSEMEHMETOĞLU K., GÜNAYDIN G.  
EUROPEAN JOURNAL OF IMMUNOLOGY, vol.51, pp.358, 2021 (SCI-Expanded)
- XI. **Photodynamic Therapy for the Treatment and Diagnosis of Cancer-A Review of the Current Clinical Status**  
GÜNAYDIN G., Gedik M. E., Ayan S.  
FRONTIERS IN CHEMISTRY, vol.9, 2021 (SCI-Expanded)
- XII. **AFFECTS OF COLD ISCHEMIA ON AMPK REGULATION IN A FATTY LIVER MODEL**  
ORUÇ M., Gedik E., Ugur E., Isazada E., Uner M. B., NERGİZ ÜNAL R., GÜNAYDIN G., DOĞRUL A. B.  
TRANSPLANT INTERNATIONAL, vol.34, pp.390-391, 2021 (SCI-Expanded)

- XIII. **Development of carboplatin loaded bovine serum albumin nanoparticles and evaluation of its effect on an ovarian cancer cell line**  
EŞİM Ö., Gedik M. E., DOĞAN A. L., GÜNAYDIN G., HASÇIÇEK C.  
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.64, 2021 (SCI-Expanded)
- XIV. **Cancer-associated fibroblasts and their relation to regnase-1**  
Sarioglu G., Gedik M. E., KONAN A., DOĞRUL A. B., KÖSEMEHMETOĞLU K., GÜNAYDIN G.  
EUROPEAN JOURNAL OF IMMUNOLOGY, vol.51, pp.360, 2021 (SCI-Expanded)
- XV. **CAFs Interacting With TAMs in Tumor Microenvironment to Enhance Tumorigenesis and Immune Evasion**  
GÜNAYDIN G.  
FRONTIERS IN ONCOLOGY, vol.11, 2021 (SCI-Expanded)
- XVI. **Photodynamic Therapy-Current Limitations and Novel Approaches**  
GÜNAYDIN G., Gedik M. E., Ayan S.  
FRONTIERS IN CHEMISTRY, vol.9, 2021 (SCI-Expanded)
- XVII. **Proof-of-principle for two-stage photodynamic therapy: hypoxia triggered release of singlet oxygen**  
Ayan S., GÜNAYDIN G., Yesilgul-Mehmetcik N., Gedik M. E., Seven O., Akkaya E. U.  
CHEMICAL COMMUNICATIONS, vol.56, no.94, pp.14793-14796, 2020 (SCI-Expanded)
- XVIII. **Mitochondria-Targeting Selenophene-Modified BODIPY-Based Photosensitizers for the Treatment of Hypoxic Cancer Cells**  
KARAMAN O., Almammadov T., Gedik M. E., GÜNAYDIN G., Kolemen S., Gunbas G.  
CHEMMEDCHEM, vol.14, no.22, pp.1879-1886, 2019 (SCI-Expanded)
- XIX. **Effects of cellular energy homeostasis modulation through AMPK on regulation of protein translation and response to hypoxia**  
GÜNAYDIN G., Gedik M. E.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.44, no.5, pp.611-620, 2019 (SCI-Expanded)
- XX. **Cancer associated fibroblasts sculpt tumour microenvironment by recruiting monocytes and inducing immunosuppressive PD-1(+) TAMs**  
Gok Y., Gunaydin G., Gedik M., Kosemehmetoglu K., Karakoc D., Ozgur F., Guc D.  
SCIENTIFIC REPORTS, vol.9, 2019 (SCI-Expanded)
- XXI. **The effects of cancer-associated fibroblasts obtained from atypical ductal hyperplasia on anti-tumor immune responses**  
Yavuz B. G., GÜNAYDIN G., KÖSEMEHMETOĞLU K., KARAKOÇ D., Ozgur F., Guc D.  
BREAST JOURNAL, vol.24, no.6, pp.1099-1101, 2018 (SCI-Expanded)
- XXII. **A novel approach for fractional photodynamic therapy utilizing a photosensitizer with an additional 2-pyridone module**  
GÜNAYDIN G., Turan I. S., Yildiz D., Turksoy A., Akkaya E. U.  
FEBS OPEN BIO, vol.8, pp.179, 2018 (SCI-Expanded)
- XXIII. **Molecular demultiplexer as a terminator automaton**  
Turan I. S., GÜNAYDIN G., Ayan S., Akkaya E. U.  
NATURE COMMUNICATIONS, vol.9, 2018 (SCI-Expanded)
- XXIV. **CANCER ASSOCIATED FIBROBLASTS DISPLAY PHENOTYPIC AND FUNCTIONAL FEATURES THAT RESEMBLE CIRCULATING FIBROCYTES WITH CONSTITUTE A NOVE SUBSET OF MDSCs**  
GÜNAYDIN G., Guc D.  
BREAST, vol.36, 2017 (SCI-Expanded)
- XXV. **A Bifunctional Photosensitizer for Enhanced Fractional Photodynamic Therapy: Singlet Oxygen Generation in the Presence and Absence of Light**  
Turan I. S., Yildiz D., Turksoy A., GÜNAYDIN G., Akkaya E. U.  
ANGEWANDTE CHEMIE-INTERNATIONAL EDITION, vol.55, no.8, pp.2875-2878, 2016 (SCI-Expanded)
- XXVI. **Granulocytic subset of myeloid derived suppressor cells in rats with mammary carcinoma**  
DOLEN Y., GÜNAYDIN G., ESENDAĞLI G., Guc D.  
CELLULAR IMMUNOLOGY, vol.295, no.1, pp.29-35, 2015 (SCI-Expanded)

- XXVII. **Cancer associated fibroblasts have phenotypic and functional characteristics similar to the fibrocytes that represent a novel MDSC subset**  
GÜNAYDIN G., KESIKLI S. A., Guc D.  
ONCOIMMUNOLOGY, vol.4, no.9, 2015 (SCI-Expanded)
- XXVIII. **The Effect of Early-Short Term Basal Insulin Treatment on Adiponectin Levels in Patients with Type 2 Diabetes Mellitus**  
Unluturk U., KESIKLI A. S., GÜNAYDIN G., Ates C., Ademoglu E., Uysal A. R., Emral R.  
ENDOCRINE REVIEWS, vol.35, no.3, 2014 (SCI-Expanded)
- XXIX. **Fibroblast-Derived CCL2 Induces Cancer Stem Cells-Letter**  
GÜNAYDIN G., DOLEN Y., KESIKLI S. A.  
CANCER RESEARCH, vol.73, no.2, pp.1031, 2013 (SCI-Expanded)
- XXX. **The effects of early basal insulin treatment on inflammation and endothelium-related biomarkers in patients with type 2 diabetes**  
Unluturk U., KESIKLI A. S., Ates C., GÜNAYDIN G., Uysal A. R., Emral R.  
DIABETOLOGIA, vol.55, 2012 (SCI-Expanded)
- XXXI. **Ductal Carcinoma In Situ and Bilateral Atypical Ductal Hyperplasia in a 23-Year-Old Man with Gynecomastia**  
GÜNAYDIN G., Altundag K.  
AMERICAN SURGEON, vol.77, no.9, pp.1272-1273, 2011 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Meme Kanseri ve Hepatosellüler Karsinom Hücre Dizilerinde Serum Starvasyonu ve Hipoksik Ortam Koşullarının Metabolik Yolak Protein Ekspresyonlarına Etkisinin İncelenmesi**  
GÜNAYDIN G., GEDİK M. E.  
Ankara Üniversitesi Tıp Fakültesi Mecmuası, vol.72, no.1, pp.39-48, 2019 (Peer-Reviewed Journal)
- II. **MEME KANSERİ VE HEPATOSELLÜLER KANSER HÜCRE DİZİLERİNDE AMPK MODÜLASYONUNUN KANSER HÜCRE PROLİFERASYONU ÜZERİNE ETKİSİNİN GERÇEK-ZAMANLI HÜCRE ANALİZ SİSTEMİ xCELLigence ARACILIĞIYLA İNCELENMESİ**  
GÜNAYDIN G., GEDİK M. E.  
Bozok Tıp Dergisi, vol.8, no.4, pp.95-103, 2018 (Peer-Reviewed Journal)
- III. **Tümör İmmünolojisinin Temelleri**  
GÜNAYDIN G., GÜÇ D.  
Türkiye Klinikleri Journal of Medical Oncology Special Topics, vol.10, pp.97-103, 2017 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **İntestinal Homeostaz: Mikrobiyota-Patojen Ayrımında Mukozal Sitokin Ağı**  
GÜNAYDIN G.  
in: Mikrobiyota İmmünolojisi, Doç. Dr. Resul KARAKUŞ, Editor, Tur Klin, pp.76-82, 2018
- II. **KANSER İMMÜNOLOJİSİ**  
GÜNAYDIN G., GÜÇ D.  
in: Hematologlar İçin İmmünoloji, TEVFİK AKOĞLU, Editor, GALENOS, pp.149-152, 2016

## Refereed Congress / Symposium Publications in Proceedings

- I. **Role of the Radiosensitizing Effect of Metformin Added to Concomitant Chemoradiotherapy with Cisplatin in Cervical Squamous Cell Cancer Cell Lines**

ESEN Ç. S. B., GEDİK M. E., GÜNAYDIN G., CANPINAR H., YEDEKÇİ F. Y., YILDIZ F., GÜLTEKİN M.  
ASTRO Annual 2022 Meeting, United States Of America, 23 - 26 October 2022, vol.114

- II. **Antigen Presentation**  
GÜNAYDIN G.  
PRIMO 2022 - Practical Recommendations in Immuno and Molecular Oncology, 17 June 2022
- III. **İnflamatuvar Sitokinler**  
GÜNAYDIN G.  
Türk Romatoloji Kongresi, 17 May 2022
- IV. **Doğal İmmünite**  
GÜNAYDIN G.  
9. Nöroimmünoloji Okulu, 16 April 2022
- V. **COVID Aşıları ve Bağışıklık**  
GÜNAYDIN G.  
7. ULUSAL ERİSKİN BAĞIŞIKLAMASI SIMPOZYUMU, 18 February 2022
- VI. **Kanser Metabolizmasında Terapötik Yaklaşımlar**  
GÜNAYDIN G.  
XXI. Ulusal Pediatrik Kanser Kongresi, 24 November 2021
- VII. **Kanser Aşıları**  
GÜNAYDIN G.  
Onkoloji 2021, 11 November 2021
- VIII. **Immunological Memory and Well Educated Immunity**  
GÜNAYDIN G.  
PRIMO 2021 - Practical Recommendations in Immuno and Molecular Oncology, 02 September 2021
- IX. **Cancer-associated fibroblasts isolation from tumor tissues of breast cancer patients and investigation of AKT/FOXO and mTOR/eEF2K signaling pathway activations**  
SARIOĞLU G., GEDİK M. E., KONAN A., DOĞRUL A. B., KÖSEMEHMETOĞLU K., GÜNAYDIN G.  
6th European Congress of Immunology, 01 September 2021, vol.51
- X. **AFFECTS OF COLD ISCHEMIA ON AMPK REGULATION IN A FATTY LIVER MODEL**  
ORUÇ M., GEDİK M. E., UĞUR E., ISAZADA E., ÜNER M., NERGİZ ÜNAL R., GÜNAYDIN G., DOĞRUL A. B.  
20th Congress of the European Society for Organ Transplantation, Milan, Italy, 29 August - 01 September 2021
- XI. **Kolorektal Karsinogenez**  
GÜNAYDIN G.  
Kolon Akademi, 11 June 2022
- XII. **Dolaşımdaki Tümör Hücreleri**  
GÜNAYDIN G.  
VI. Türkiye in vitro Diyagnostik Sempozyumu, 25 May 2021
- XIII. **Detection of Sex Steroid Expressions in Benign Versus Malignant Adrenal Tumor Tissue Homogenates With Western Blot Analysis**  
OĞUZ BAYKAL S. H., GÜNAYDIN G., GEDİK M. E., DAĞDELEN S.  
ENDO 2021 (Annual Meeting of the Endocrine Society), California, United States Of America, 20 March 2021, vol.5, pp.126
- XIV. **Kanser, Mikrobiyota ve Probiyotikler**  
GÜNAYDIN G.  
22. Ege Onkoloji Günleri, İzmir, Turkey, 26 February 2020
- XV. **Kanserde Mikrobiota İlişkili Yöntemler**  
GÜNAYDIN G.  
8. Onkolojide Arayışlar Sempozyumu, Turkey, 13 - 15 December 2019
- XVI. **Meme kanserinde makrofaj polarizasyonu paradigması: Kanserle İlişkili Fibroblastlar'ın fonksiyonel etkileri**  
GÜNAYDIN G.  
Onkolojide İz Bırakanlar Zirvesi, 14 November 2019

- XVII. **Molecular demultiplexer as a terminator automaton**  
GÜNAYDIN G.  
XXVII. Balkan Clinical Laboratory Federation Meeting BCLF, 27 October 2019
- XVIII. **Meme Kanseri Hastalarından Alınan Tümör Dokularından Kanserle-İlişkili Fibroblast İzolasyonu**  
SARIOĞLU G., GEDİK M. E., KÖSEMEHMETOĞLU K., DOĞRUL A. B., KONAN A., GÜNAYDIN G.  
2. Temel Onkoloji Sempozyumu, Ankara, Turkey, 16 - 18 October 2019
- XIX. **Meme Kanseri ve Hepatosellüler Kanser Hücre Dizilerinde AMPK Modülasyonunun Kanser Metabolizması ve Anti-tümör İmmün Yanıtlar Üzerine Etkisinin İncelenmesi**  
SARIOĞLU G., GEDİK M. E., GÜNAYDIN G.  
2. Temel Onkoloji Sempozyumu, Ankara, Turkey, 16 - 18 October 2019
- XX. **Tümör İmmünolojisi ve İmmünoterapide Yenilikler**  
GÜNAYDIN G.  
2. Temel Onkoloji Sempozyumu, Ankara, Turkey, 16 - 18 October 2019
- XXI. **Hayvan Modelleri**  
GÜNAYDIN G.  
2. Temel Onkoloji Sempozyumu, Ankara, Turkey, 16 - 18 October 2019
- XXII. **Cancer associated fibroblasts modify and utilize monocytes and tumor associated macrophages to suppress anti-tumor immune responses**  
Gunaydin G.  
17th International Congress of Immunology of the International-Union-of-Immunological-Societies (IUIS), Beijing, China, 19 - 23 October 2019, vol.49, pp.1557-1558
- XXIII. **Cancer associated fibroblasts: sculpting of the tumor microenvironment**  
GÜNAYDIN G.  
EFIS ON TOUR Immunology Symposium, İstanbul, Turkey, 27 September 2019
- XXIV. **Cancer Associated Fibroblasts Alter Tumor Microenvironment via Influencing Macrophage Polarization**  
GÜNAYDIN G.  
7th International Congress of the Molecular Biology Association of Turkey, İstanbul, Turkey, 27 - 29 September 2019
- XXV. **Cancer Associated Fibroblasts Influence the Macrophage Polarization in Breast Cancer**  
GÜNAYDIN G.  
2nd International Cancer and Ion Channels Congress, İzmir, Turkey, 22 - 24 September 2019
- XXVI. **The Effects of Cancer Associated Fibroblasts on Tumor Associated Macrophages**  
GÜNAYDIN G.  
1st International Multidisciplinary Cancer Research Congress, Diyarbakır, Turkey, 18 - 22 September 2019
- XXVII. **The Role of Cancer Associated Fibroblasts in the Paradigm of Monocyte and Macrophage Polarization**  
GÜNAYDIN G.  
Eurasian Congress on Molecular Biotechnology (ECOMB 2019), Trabzon, Turkey, 19 - 21 September 2019
- XXVIII. **Paradigm of macrophage polarization: the role of cancer associated fibroblasts**  
GÜNAYDIN G.  
VII. International Congress of Molecular Medicine, İstanbul, Turkey, 5 - 07 September 2019
- XXIX. **Decision of the Macrophage Polarization in Breast Cancer: The Influence of Cancer Associated Fibroblasts**  
GÜNAYDIN G.  
5th International Congress on Natural and Engineering Sciences (ICNES), İstanbul, Turkey, 27 - 30 August 2019
- XXX. **Kanser İlişkili Fibroblastlar**  
GÜNAYDIN G.  
Başkent Üniversitesi Seminerleri, Turkey, 21 May 2019
- XXXI. **EFFECTS OF CANCER ASSOCIATED FIBROBLASTS ON MONOCYTES AND MACROPHAGES IN BREAST CANCER**

GÜNAYDIN G.

INTERNATIONAL MOLECULAR IMMUNOLOGY AND IMMUNOGENETICS CONGRESS IV (MIMIC IV), Bursa, Turkey,  
27 - 29 April 2019

XXXII. **Kanserli Fibroblastların, Monositleri İyileştirerek ve İmmünosupresif PD-1 TAM'ı İndükleyerek Tümör Mikro Ortamını Şekillendirmesi**

GÜNAYDIN G.

VII. xCELLigence Kullanıcı Toplantısı, Ankara, Turkey, 26 April 2019

XXXIII. **Mikrobiyata ve Kanser**

GÜNAYDIN G.

23. Ulusal Kanser Kongresi, Antalya, Turkey, 17 - 21 April 2019

XXXIV. **Santral Sinir Sisteminde Doğal İmmünite**

GÜNAYDIN G.

9. Nöroimmünoloji Okulu, Muğla, Turkey, 4 - 07 April 2019

XXXV. **Kanserde T Hücre Disfonksiyonları**

GÜNAYDIN G.

3. Temel Onkoloji Kursu, Ankara, Turkey, 2 - 03 March 2019

XXXVI. **New class of red absorbing activatable PDT drugs**

Almammadov T., ATAKAN G., GÜNAYDIN G., Gunbas G., Kolemen S.

257th National Meeting of the American-Chemical-Society (ACS), Florida, United States Of America, 31 March - 04 April 2019, vol.257

XXXVII. **Metastazın Biyolojik Temelleri**

GÜNAYDIN G.

Başkent Üniversitesi Seminerleri, Turkey, 04 December 2018

XXXVIII. **Kanser Asılları**

GÜNAYDIN G.

13. Hacettepe Üniversitesi Kanser Enstitüsü Sempozyumu, Turkey, 29 - 30 November 2018

XXXIX. **Kanserde Fibroblastlar**

GÜNAYDIN G.

İmmünolojide Moleküller Sempozyumu, Turkey, 18 - 21 October 2018

XL. **Mechanism of the effects of cancer associated fibroblasts on the functional changes observed in T cells**

GÜNAYDIN G., GÜÇ D.

5th European Congress of Immunology, 2 - 05 September 2018

XLI. **A novel approach for fractional photodynamic therapy utilizing a photosensitizer with an additional 2-pyridone module**

GÜNAYDIN G., TURAN İ. Ş., YILDIZ D., TÜRKSOY A., AKKAYA E. U.

43rd FEBS Congress, Prag, Czech Republic, 7 - 12 July 2018

XLII. **HER2 MEME KANSERİ HÜCRE HATLARINDA FARMAKOLOJİK AMPK REGÜLASYONUNUN HER2 PROTEİN AKTİVASYONUNA ETKİSİNİN İNCELENMESİ**

GEDİK M. E., DOĞAN A. L., GÜNAYDIN G.

1. Temel Onkoloji Sempozyumu, Turkey, 9 - 11 May 2018

XLIII. **Kanser Aşılları ve Potansiyel Antijenler**

GÜNAYDIN G.

7. Türk Tıbbi Onkoloji Kongresi, Turkey, 21 - 25 March 2018

XLIV. **EFFECTS OF FIBROBLASTS OBTAINED FROM ATYPICAL DUCTAL HYPERPLASIA, NORMAL BREAST, AND INVASIVE DUCTAL CARCINOMA ON ANTI-TUMOR IMMUNE RESPONSE**

YAVUZ B. G., GÜNAYDIN G., KOSEMEHMETOĞLU K., KARAKOC D., OZGUR F., GÜÇ D.

in vitro Diagnostic Biomarkers Symposium, 10 - 12 May 2017, vol.42

XLV. **CD172A EXPRESSION OF FIBROBLAST CELLS: A PROSPECTIVE BIOMARKER**

GÜNAYDIN G., GÜÇ D.

in vitro Diagnostic Biomarkers Symposium, 10 - 12 May 2017, vol.42

- XLVI. THE ASSOCIATION OF SERUM ADAM10 LEVELS WITH TUMOR GRADE INPATIENTS WITH HER2 BREAST**  
GÜNAYDIN G., GEDİK M. E., BOZBULUT U. B., DOĞAN A. L.  
in vitro Diagnostic Biomarkers Symposium, 10 - 12 May 2017, vol.42
- XLVII. CANCER ASSOCIATED FIBROBLASTS DISPLAY PHENOTYPIC AND FUNCTIONAL FEATURES THAT RESEMBLE CIRCULATING FIBROCYTES WITH CONSTITUTE A NOVE SUBSET OF MDSCs**  
GÜNAYDIN G., GÜÇ D.  
Advanced Breast Cancer - 4th ESO-ESMO International Consensus Conference, Lizbon, Portugal, 2 - 04 November 2017, vol.36
- XLVIII. İmmün sisteme genel bakış**  
GÜNAYDIN G.  
Ulusal İmmünoterapi ve Onkoloji Kongresi, Turkey, 25 - 29 October 2017
- XLIX. A Bifunctional Photosensitizer for Enhanced Fractional Photodynamic Therapy**  
GÜNAYDIN G., TURAN I. S., YILDIZ D., TURKSOY A., AKKAYA E. U.  
12th International Symposium on Macrocyclic and Supramolecular Chemistry in conjunction with ISACS: Challenges in Organic Materials Supramolecular Chemistry, 2 - 06 July 2017
- L. Molecular Demultiplexer as a Theranostic Automaton**  
AYAN S., GÜNAYDIN G., TURAN I. S., AKKAYA E. U.  
12th International Symposium on Macrocyclic and Supramolecular Chemistry in conjunction with ISACS: Challenges in Organic Materials Supramolecular Chemistry, 2 - 06 July 2017
- LI. Anti-Tümör İmmün Yanıtı Atipik Duktal Karsinom, İnvaziv Meme Kanseri ve Normal Meme Dokusundan Elde Edilmiş Fibroblastların Etkisi**  
YAVUZ B. G., GÜNAYDIN G., KOSEMEHMETOĞLU K., KARAKOC D., OZGUR F., GÜÇ D.  
XXIV. Ulusal İmmünoloji Kongresi, Turkey, 27 - 30 April 2017
- LII. Enstitümüzden Literatüre**  
GÜNAYDIN G.  
12. Hacettepe Üniversitesi Kanser Enstitüsü Sempozyumu, Ankara, Turkey, 17 - 18 November 2016
- LIII. Immunosuppressive fibroblasts located around breast tumor tissues are exposed to higher levels of T-HELPER-2-like cytokines**  
GÜNAYDIN G., GUC D.  
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.112
- LIV. Features of cancer associated fibroblasts that resemble circulating fibrocytes which constitute a unique subset of MDSCs**  
GÜNAYDIN G., GUC D.  
International Congress of Immunology (ICI), Melbourne, Australia, 21 - 26 August 2016, vol.46, pp.861-862
- LV. Cancer associated fibroblasts display phenotypic and functional features that resemble circulating fibrocytes which constitute a novel subset of MDSCs**  
GÜNAYDIN G., GÜÇ D.  
3rd International Molecular Immunology and Immunogenetics Congress (MIMIC-III), 27 - 30 April 2016, vol.4, pp.20-21
- LVI. Doğal İmmünite (Enfeksiyonlara Karşı Erken Savunma)**  
GÜNAYDIN G.  
VI. Temel İmmünoloji ve Nöroimmünoloji Öğrenci Okulu, Samsun, Turkey, 8 - 09 April 2016
- LVII. Humoral immune response**  
GÜNAYDIN G.  
Immuno-Oncology Preceptorship Program, 02 December 2015
- LVIII. Characterization of Cancer Associated Fibroblasts and the investigation of their contribution on mechanisms of immune evasion in a rat chemical breast carcinoma model**  
GÜNAYDIN G., GÜÇ D.  
4TH EUROPEAN CONGRESS OF IMMUNOLOGY, 6 - 09 September 2015



- LIX. **Granulocytic subset of myeloid derived suppressor cells in rats with mammary carcinoma**  
DÖLEN Y., GÜNAYDIN G., ESENDAĞLI G., GÜÇ D.  
4TH EUROPEAN CONGRESS OF IMMUNOLOGY, 6 - 09 September 2015
- LX. **Isolation and characterization of lymphocytes and broblasts from the skin of mycosis fungoides patients**  
BEKSAÇ B., GÜNAYDIN G., GÜÇ D.  
4TH EUROPEAN CONGRESS OF IMMUNOLOGY, 6 - 09 September 2015
- LXI. **Sıçan kimyasal meme kanseri modelinde tümör mikroçevresi elemanlarından Kanserle İlişkili Fibroblastların karakterizasyonu ve tümörün immün kaçışı üzerine etki mekanizmalarının değerlendirilmesi**  
GÜNAYDIN G., GÜÇ D.  
23. ULUSAL İMMÜNOLOJİ KONGRESİ, Turkey, 26 - 30 April 2015
- LXII. **KANSERLE İLİŞKİLİ FİBROBLASTLARIN SIÇAN KİMYASAL MEME KANSERİ MODELİNDE KARAKTERİZASYONU VE TÜMÖRÜN İMMÜN KAÇIŞINA ETKİ MEKANİZMALARININ ARAŞTIRILMASI**  
GÜNAYDIN G., GÜÇ D.  
21. Ulusal Kanser Kongresi, Turkey, 22 - 26 April 2015
- LXIII. **From reproductive health to sexual rights in relation to attitudes and essential knowledge Perceptions of adult males admitted to Hacettepe Hospital in Turkey for any health reason**  
GÜNAYDIN G., GÖKÇE E., KUKUL M. G., PAKSOY ERBAYDAR N.  
7TH EUROPEAN PUBLIC HEALTH CONFERENCE, 19 - 22 November 2014, vol.24
- LXIV. **The effects of Cancer Associated Fibroblasts on mechanisms of immune evasion in a rat chemical mammary carcinoma model**  
GÜNAYDIN G., DÖLEN Y., ÜNVER N., KESİKLİ S. A., GÜÇ D.  
15th International Congress of Immunology (ICI), Milan, Italy, 22 - 27 August 2013, vol.4
- LXV. **Kanserle İlişkili Fibroblastların Tümörün İmmün Kaçış Mekanizmalarındaki Fonksiyonel Rollerinin Sıçan Kimyasal Meme Kanseri Modelinde Araştırılması**  
GÜNAYDIN G., DÖLEN Y., ÜNVER N., KESİKLİ S. A., GÜÇ D.  
22. ULUSAL İMMÜNOLOJİ KONGRESİ, Turkey, 27 - 30 April 2013
- LXVI. **NMU ARACILI MEME KANSERİ MODELİNDE MYELOİD KÖKENLİ BASKILAYICI HÜCRELERİN TANIMLANMASI**  
DÖLEN Y., GÜNAYDIN G., ESENDAĞLI G., GÜÇ D.  
22. ULUSAL İMMÜNOLOJİ KONGRESİ, Turkey, 27 - 30 April 2013
- LXVII. **SIÇAN KİMYASAL MEME KANSERİ MODELİNDE KANSERLE İLİŞKİLİ FİBROBLASTLARIN TANIMLANMASI VE BU HÜCRELERİN TÜMÖRÜN İMMÜN KAÇIŞ MEKANİZMALARINDAKİ FONKSİYONEL ROLLERİNİN ARAŞTIRILMASI**  
GÜNAYDIN G., DÖLEN Y., ÜNVER N., KESİKLİ S. A., GÜÇ D.  
20. Ulusal Kanser Kongresi, Turkey, 19 - 23 April 2013
- LXVIII. **The impact of early basal insulin treatment on inflammation and endothelial activation/damage related biomarkers in patients with type 2 diabetes mellitus**  
KESIKLI S. A., Unluturk U., GÜNAYDIN G., Ates C., Guc D., Uysal A. R., Emral R.  
European Congress of Immunology, Glasgow, United Kingdom, 5 - 08 September 2012, vol.137, pp.46-47
- LXIX. **Differences of myeloid cell subsets in a chemically induced rat breast carcinoma model**  
DOLEN Y., GÜNAYDIN G., ESENDAĞLI G., Guc D.  
European Congress of Immunology, Glasgow, United Kingdom, 5 - 08 September 2012, vol.137, pp.606
- LXX. **The identification of the Cancer Associated Fibroblasts and functional analyses for mechanisms of immune evasion in a rat chemical mammary carcinoma model**  
GÜNAYDIN G., DOLEN Y., KESIKLI S. A., Guc D.  
European Congress of Immunology, Glasgow, United Kingdom, 5 - 08 September 2012, vol.137, pp.618-619
- LXXI. **The effects of early basal insulin treatment on inflammation and endothelium-related biomarkers in patients with type 2 diabetes**  
ÜNLÜTÜRK U., KESİKLİ S. A., ATEŞ C., GÜNAYDIN G., UYSAL A. R., EMRAL R.

48th General Assembly of the European Association for the Study of Diabetes, 1 - 05 October 2012, pp.384-385

LXXII. **Tip 2 diyabet hastalarında erken bazal insülin tedavisinin endotel fonksiyonu ve inflamasyon üzerine etkileri Prospektif randomize kontrollü açık etiketli çalışma**

ÜNLÜTÜRK U., KESİKLİ S. A., ATEŞ C., ADEMOLU E., GÜNAYDIN G., UYSAL A. R., EMRAL R.

48. Ulusal Diyabet Kongresi, Turkey, 9 - 13 May 2012

LXXIII. **THE IDENTIFICATION OF THE TUMOR MICROENVIRONMENT MEMBERS SPECIFICALLY CANCER ASSOCIATED FIBROBLASTS FOR FUNCTIONAL ANALYSES IN A RAT CHEMICAL MAMMARY CARCINOM**

GÜNAYDIN G., DÖLEN Y., KESİKLİ S. A., GÜÇ D.

International Molecular Immunology and Immunogenetics Congress 2012 (MIMIC), 27 - 29 April 2012, vol.1

## Supported Projects

GÜLTEKİN M., GEDİK M. E., YILDIZ F., GÜNAYDIN G., BEDÜK ESEN Ç. S., Project Supported by Higher Education Institutions, Serviks Skuamöz Hücreli Kanser Hücre Serilerinde Sisplatin ile Eş Zamanlı Radyoterapiye Eklenen Metforminin Radyoduyarlılaştırıcı Rolünün Araştırılması, 2020 - 2022

SÜTAY SÜSLÜ N., GÜNAYDIN G., Pamuk A. E., Project Supported by Higher Education Institutions, Larinks Kanserinde Anjiyogenez ile ilişkili Biyobelirteçlerin Araştırılması, 2019 - 2022

ÜNER A., KARS S. A., DEMİRKOL CANLI S., GÜNAYDIN G., GEDİK M. E., ÇAKAN E., Project Supported by Higher Education Institutions, Diffüz Büyük B Hücreli Lenfomalarda (DBBHL) APOBEC / AID Ailesi Üyelerinin Ekspresyonu ve Regülasyonu, 2019 - 2022

GÜNAYDIN G., GEDİK M. E., Project Supported by Higher Education Institutions, HİPOKSİK ORTAM KOŞULUNUN MEME KANSERİ VE HEPATOSELLÜLER KANSER HÜCRE DİZİLERİNDE AMPK AKTİVİTESİNE ETKİSİ, 2019 - 2020

GÜNAYDIN G., DOĞAN A. L., GEDİK M. E., Project Supported by Higher Education Institutions, MEME KANSERİ VE HEPATOSELLÜLER KANSER HÜCRE DİZİLERİNDE SERUM STARVASYONU VE HİPOKSİ KOŞULLARININ AMPK AKTİVİTESİNE ETKİSİ, 2017 - 2019

TÜRKER F. A., ÖZER N., GÜNAYDIN G., ÜNER A., ÇÖTELİ C., YÜCE D., ÇALIŞKAN YILDIRIM E., Project Supported by Higher Education Institutions, Antrasiklin Bazlı Kemoterapi Rejimleri Alan Meme Kanseri Hastalarında Kardiyotoksiste Belirteci Olarak Plazma Mikrorna34a Düzeylerinin Değerlendirilmesi, 2017 - 2018

GÜNAYDIN G., GEDİK M. E., DOĞAN A. L., Project Supported by Higher Education Institutions, MEME KANSERİ VE HEPATOSELLÜLER KARSİNOM HÜCRE DİZİLERİNDE AMPK MODÜLASYONUNUN HÜCRE PROLİFERASYONUNA ETKİSİNİN İNCELENMESİ, 2017 - 2018

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## Non Academic Experience

Sağlık Bakanlığı Mutki Devlet Hastanesi

Yale University

Johns Hopkins University

Klinikum Bremerhaven

Akdeniz Üniversitesi Tıp Fakültesi Mikrobiyoloji AbD

Akdeniz Üniversitesi Tıp Fakültesi Halk Sağlığı AbD