

Res. Asst. İsmail Musab Glaar

Personal Information

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Education Information

Doctorate, Istanbul University, Health Sciences Institute, Genetik, Turkey 2017 - Continues

Postgraduate, Van Yznc Yil University, Tıp Fakltesi, Tıbbi Biyoloji, Turkey 2015 - 2017

Undergraduate, Bogazici University, Fen Edebiyat, Molekler Biyoloji Ve Genetik, Turkey 2008 - 2013

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Health&Medicine, 6.Multidisipliner Kanser Arařtırma Kongresi, Mokad, Seluk niversitesi, 2016

Health&Medicine, Innovation in Medicine Summit-2, SANKO University Gaziantep, 2016

Health&Medicine, All about preconception, preimplantation and prenatal genetic testing, European Society of Human Reproduction and Embryology (ESHRE), 2016

Health&Medicine, Genetics in health care: Practice and Policies, European Society of Human Genetics, 2015

Health&Medicine, DNA Hasarı, DNA Onarımı ve Proteomiks Kursu,, Dokuz Eyll niversitesi Saėlık Bilimleri Enstits, 2014

Dissertations

Postgraduate, Glioblastoma Multiforme Dokularında İnslin Reseptr Substrat-1'in (IRS1) Mutasyonel Analizi ve Ekspresyon/Aktivasyon Profilinin Deėerlendirilmesi, Van Yznc Yil University, Saėlık Bilimleri Enstits, Tıbbi Biyoloji, 2017

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Medical Biology, Internal Medicine Sciences, Medical Genetics, Life Sciences, Molecular Biology and Genetics, Natural Sciences

Academic Titles / Tasks

Research Assistant, Istanbul University, Istanbul Medical Faculty, Tıbbi Genetik Anabilim Dalı, 2017 - Continues

Research Assistant, Van Yznc Yil University, Tıp Fakltesi, Temel Tıp Bilimleri Blm, 2014 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Role of Sedative-Hypnotic Agents in Neurodegeneration: Effects of Midazolam and Thiopental on Apoptosis and Oxidative Stress Expression in Neonatal and Adult Rat Brains**
Soyalp C., Oksuz E., Görgişen G., Gülaçar İ. M. , Yaşar S., Tuncdemir Y. E. , Acun Delen L.
TURKISH NEUROSURGERY, vol.32, no.3, pp.378-385, 2022 (Peer-Reviewed Journal)
- II. **Relationship between MTHFR Gene Polymorphisms and Gastrointestinal Tumors Development: Perspective from Eastern Part of Turkey**
Oksuz E., Görgişen G., Oto G., Özdemir H., Aras A., Oksuz M., Gülaçar İ. M. , Demirkol M. H.
JOURNAL OF INVESTIGATIVE SURGERY, vol.35, no.1, pp.83-91, 2022 (Peer-Reviewed Journal)
- III. **Evaluation of the relationship of IL-17A and IL-17F gene polymorphisms with the response to treatment in psoriatic patients using biological drugs: a case-control study in patients in Eastern Turkey**
Uce Özkol H., Görgişen G., Özkol H., Tülüce Y., Gülaçar İ. M.
Postepy Dermatologii I Alergologii, vol.1, no.1, pp.1-8, 2021 (Peer-Reviewed Journal)
- IV. **Effect of Paracetamol in the Proliferation of Glioblastoma Cell Line: The Role of Apoptosis, COX-2 and Cyclin B Expressions**
Oksuz E., Görgişen G., Özdemir H., Gülaçar İ. M. , Oto G.
TURKISH NEUROSURGERY, vol.31, no.1, pp.46-50, 2021 (Peer-Reviewed Journal)
- V. **Development and evaluation of mesoporous montmorillonite/magnetite nanocomposites loaded with 5-Fluorouracil**
Çiftçi H., Arpa M. D. , Gülaçar İ. M. , Özcan L., Ersoy B.
Microporous and Mesoporous Materials, vol.303, 2020 (Peer-Reviewed Journal)
- VI. **Association of IRS1 Gly972Arg and IRS2 Gly1057Asp polymorphisms with gastric cancer in Turkish subjects**
Görgişen G., Karataş U., Ateş C., Öksüz M., Gülaçar İ. M.
Oncology Letters, vol.20, pp.1-5, 2020 (Peer-Reviewed Journal)
- VII. **Antiproliferative and Apoptotic Role of Novel Synthesized Cu(II) Complex with 3-(3-(4-fluorophenyl)Triaz-1-en-1-yl) Benzenesulfonamide in Common Cancer Models.**
Tuluçe Y., Gorgisen G., Gulacar I., KOYUNCU I., DURGUN M., AKOCAK S., Ozkol H., Kaya Z.
Anticancer research, vol.38, pp.5115-5120, 2018 (Peer-Reviewed Journal)
- VIII. **The role of insulin receptor substrate (IRS) proteins in oncogenic transformation.**
Gorgisen G., Gulacar I., OZES O.
Cellular and molecular biology (Noisy-le-Grand, France), vol.63, pp.1-5, 2017 (Peer-Reviewed Journal)

Articles Published in Other Journals

- I. **No Association Between IRS2 Gly1057Asp Polymorphism and Esophageal Cance**
Gülaçar İ. M. , Kaya Z., Almalı N., Ateş C., Yeşil Sayın G., Görgişen G.
Van Sağlık Bilimleri Dergisi, vol.14, no.3, pp.298-303, 2021 (Peer-Reviewed Journal)
- II. **Overexpression of insulin receptor substrate 1 (IRS1) promotes radioresistance in A172 glioblastoma cell line**
Görgişen G., Çakır T., Ateş C., Gülaçar İ. M. , Yaren Z.
Eastern Journal of Medicine, vol.24, no.2, pp.204-209, 2019 (Peer-Reviewed Journal)
- III. **Effect of acetaminophen on viability of hela cells**
Görgişen G., Gülaçar İ. M. , Öksüz E.
Eastern Journal of Medicine, vol.24, no.1, pp.53-56, 2019 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Meme Kanseri Hücre Hattı Üzerinde Gümüş Nanopartiküllerin Radyoterapi Duyarlılığı**
Çakır T., Karakaya C., Görgişen G., Gülaçar İ. M. , Tunçel N.
18. Ulusal Medikal Fizik Kongresi, Antalya, Turkey, 4 - 07 November 2021, pp.55
- II. **S636, S666 AND S736 PHOSPHORYLATIONS OF INSULIN RECEPTOR SUBSTRATE 1 (IRS1) DECREASE THE VIABILITY OF HELA CELLS VIA INHIBITING TYROSINE PHOSPHORYLATION OF IRS1**
GÖRGİŞEN G., GÜLAÇAR İ. M. , TÜLÜCE Y., ÖZKOL H., KAYA Z.
International Conference on Recent Advances in Medical Science (ICRAMS), Krakow, Poland, 13 - 14 September 2019
- III. **Site Specific Serine Phosphorylation of insulin receptor substrat 1 (IRS1) protein inhibit the proliferation of cervical carcinoma cells**
Görgişen G., Gülaçar İ. M. , Tülüce Y., Özkol H., Kaya Z.
XXVI. International Symposium on Morphological Sciences, Praha, Czech Republic, 5 - 07 July 2019, pp.26-27
- IV. **EFFECTS OF INSULIN RECEPTOR SUBSTRATE 1 (IRS1) PROTEIN ON CELL PROLIFERATION AND THERAPEUTIC APPROACHES IN DIFFERENT CANCER CELL LINES"**
Görgişen G., Gülaçar İ. M. , Çakır T.
International Symposium on Multidisciplinary Studies, Ankara, Turkey, 16 - 17 November 2018, pp.728-729
- V. **Serine Phosphorylation of insulin receptor substrate 1 (IRS1) protein inhibit the proliferation of cervical carcinoma cells**
GÖRGİŞEN G., GÜLAÇAR İ. M. , TÜLÜCE Y., ÖZKOL H., KAYA Z.
XXVI. International Symposium on Morphological Sciences, Prague, Czech Republic, 5 - 07 July 2018
- VI. **Serine Phosphorilation of insülin receptor substrat 1 (IRS1) protein inhibit the proliferation of cervical carcinoma cells.**
Görgişen G., Gülaçar İ. M. , Tülüce Y., Özkol H., Kaya Z.
XXVI. International Symposium on Morphological Sciences, Prague Czech Republic, Czech Republic, 5 - 07 July 2018, pp.26-27
- VII. **SITE SPECIFIC SERINE PHOSPHORYLATION OF INSULIN RECEPTOR SUBSTRATE 1 (IRS1) PROTEIN INHIBITS THE PROLIFERATION OF CERVICAL CARCINOMA CELLS**
Görgişen G., Gülaçar İ. M. , Tülüce Y., Özkol H., Kaya Z.
XXVI International Symposium on Morphological Sciences, Prag, Czech Republic, 5 - 07 July 2018, pp.70
- VIII. **Anti-Proliferative Effect of Novel Synthesized Cu(II) Complex with 3-(3-(4-fluorophenyl) Triaz-1-en-1-yl) Benzenesulfonamide on Common Gynecological Cancer Cell Lines**
TÜLÜCE Y., GÖRGİŞEN G., GÜLAÇAR İ. M. , KOYUNCU İ., DURGUN M., AKOCAK S., ÖZKOL H., KAYA Z.
VI. International Congress of Molecular Medicine, 22 - 25 May 2017
- IX. **GENOMIC MEDICINE IN PANCREATIC CANCER**
Görgişen G., Gülaçar İ. M.
Innovation in Medicine Summit 3, Gaziantep, Turkey, 11 - 13 May 2017, pp.107
- X. **Insulin Receptor Substrate (IRS) Proteins as Therapeutic Target in Cancer**
Görgişen G., Gülaçar İ. M. , Çetin Z.
Innovation in Medicine Summit 3, Gaziantep, Turkey, 11 - 13 May 2017, pp.101
- XI. **Negative Impacts of Tetracyclines on Human Health and Determination of Tetracycline Residues in Animal Products by Analytical Methods**
Gülaçar İ. M. , Orakçı H., Kuşak D.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017, pp.463
- XII. **MUTATIONAL ANALYSIS OF AMINO TERMINAL DOMAIN OF INSULIN RECEPTOR SUBSTRATE-1 (IRS1) GENE IN GLIOBLASTOMA MULTIFORME PATIENTS**
Gülaçar İ. M. , Tülüce Y., Özkol H., Görgişen G., Yakut S.
6.Multidispliner Kanser Araştırma Kongresi, Konya, Turkey, 27 - 30 October 2016, pp.143
- XIII. **Screening of Insulin Receptor Substrate 1 IRS 1 Carboxy Terminal Domain Variations in**

Glioblastoma Multiforme Patients

GÜLAÇAR İ. M. , TÜLÜCE Y., ÖZKOL H., GÖRĞİŞEN G., YAKUT UZUNER S.

Innovation in Medicine Summit-2, 5 - 07 May 2016

Supported Projects

- Görgişen G., Gülaçar İ. M. , KOSGEB, Real-Time PCR Tabanlı Farmakogenetik Tanı Kitlerinin Geliştirilmesi, 2020 - 2022
- Uce Özkol H., Görgişen G., Özkol H., Tülüçe Y., Savaş H., Gülaçar İ. M. , Project Supported by Higher Education Institutions, Biyolojik ilaç kullanan psoriasis vulgaris hastalarında IL17A ve IL17F gen polimorfizmlerinin tedaviye dirençle ilişkisinin araştırılması, 2019 - 2020
- Soyalp C., ÖKSÜZ E., Görgişen G., Yaşar S., Gülaçar İ. M. , Project Supported by Higher Education Institutions, Nöron dejenerasyonunda sedatif hipnotik ilaçların rolü Midazolam ve tiyopentalin yeni doğan ve erişkin sıçanlar üzerine etkileri, 2018 - 2019
- Oto G., Aras A., Özdemir H., Görgişen G., Gülaçar İ. M. , Öksüz E., Project Supported by Higher Education Institutions, Gastrointestinal Sistem tümörlerinde genetik yatkınlık: Mide ve özofagus tümörü olan hastalarda Metilen Tetrahidrofolat Redükaz enzim polimorfizmi, 2018 - 2019
- Gülaçar İ. M. , Görgişen G., Project Supported by Other Official Institutions, Kanser Tedavisinin Yönelendirilmesinde Etkin Olan Tanı Kitlerinin Üretilmesi, 2016 - 2018
- Görgişen G., Gülaçar İ. M. , Özkol H., Kaya Z., Tülüçe Y., Project Supported by Higher Education Institutions, Serviks Kanseri Hücre Hattında İnsülin Reseptör Substrat 1 IRS1 Proteininin Translasyon Sonrası Modifikasyonlarının Hücre Proliferasyonu ve Migrasyonu Üzerine Etkilerinin Belirlenmesi, 2016 - 2018
- Tülüçe Y., Özkol H., Gülaçar İ. M. , Project Supported by Higher Education Institutions, Glioblastoma Multiforme Dokularında İnsülin Reseptör Substrat1in IRS1 Mutasyon Analizi ve Ekspresyon Aktivasyon Profiline Değerlendirilmesi, 2016 - 2017

Memberships / Tasks in Scientific Organizations

- Moleküler Kanseri Araştırma Derneği (MOKAD), Member, 2016 - Continues
- European Association for Cancer Research (EACR), Member, 2016 - Continues
- European Society of Human Reproduction and Embryology (ESHRE), Member, 2016 - Continues

Metrics

- Publication: 24
- Citation (WoS): 42
- Citation (Scopus): 46
- H-Index (WoS): 3
- H-Index (Scopus): 3

Scholarships

- European Society of Human Reproduction and Embryology (ESHRE) Fellowship, "All about preconception, preimplantation and prenatal genetic testing", Other International Organizations, 2016 - Continues
- European Society of Human Genetics (ESHG) Fellowship, Genetics in health care: Practice and Policies, Other International Organizations, 2015 - Continues
- Lisans Başarı Bursu, Foundation, 2008 - Continues

Non Academic Experience

Other, Genovan Genetik Biyoteknoloji Ltd. Őti.