

Res. Asst. PhD İsmail Musab Glaar

Personal Information

Office Phone: [+90 444 444 5065](tel:+904444445065) Extension: 25256

Email: musabgulacar@yyu.edu.tr

Web: <https://avesis.yyu.edu.tr/musabgulacar>

International Researcher IDs

ORCID: 0000-0002-9431-5585

Yoksis Researcher ID: 216321

Biography

<https://www.genovan.com/ekibimiz/>

Education Information

Doctorate, Istanbul University, Health Sciences Institute, Aziz Sanca Deneysel Tıp Arařtırma Enstits Blm, Turkey
2017 - 2023

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

Doctorate, Tm genom dizileme ynteminin genetik hastalıkların tanısına katkısı, Istanbul University, Health Sciences Institute, Aziz Sanca Deneysel Tıp Arařtırma Enstits Blm, 2023

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

Academic Titles / Tasks

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

Research Assistant, Van Yüzüncü Yıl University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2014 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Phenotypic continuum of NFU1-related disorders**
Kaiyrzhanov R., Zaki M. S., Lau T., Sen S., Azizimalamiri R., Zamani M., Sayin G. Y., Hilander T., Efthymiou S., Chelban V., et al.
ANNALS OF CLINICAL AND TRANSLATIONAL NEUROLOGY, vol.9, no.12, pp.2025-2035, 2022 (SCI-Expanded)
- 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 (SCI-Expanded)
- III. **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 (SCI-Expanded)
- IV. **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 (SCI-Expanded)
- V. **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 (SCI-Expanded)
- VI. **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 (SCI-Expanded)
- VII. **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 (SCI-Expanded)
- VIII. **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., Gorgişen G., Gulacar I., Koyuncu I., Durgun M., Akocak S., Ozkol H., Kaya Z.
Anticancer research, vol.38, pp.5115-5120, 2018 (SCI-Expanded)
- IX. **The role of insulin receptor substrate (IRS) proteins in oncogenic transformation.**
Gorgişen G., Gulacar I., OZES O.
Cellular and molecular biology (Noisy-le-Grand, France), vol.63, pp.1-5, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **No Association Between IRS2 Gly1057Asp Polymorphism and Esophageal Cancer**
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. **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 (Scopus)
- III. **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 (Scopus)

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. **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
- IV. **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
- V. **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
- VI. **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
- VII. **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
- VIII. **GENOMIC MEDICINE IN PANCREATIC CANCER**
Görgişen G., Gülaçar İ. M.
Innovation in Medicine Summit 3, Gaziantep, Turkey, 11 - 13 May 2017, pp.107
- IX. **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
- X. **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

XI. Screening of Insulin Receptor Substrate 1 IRS 1 Carboxy Terminal Domain Variations in Glioblastoma Multiforme Patients

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

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

Supported Projects

Gülaçar İ. M., Görgişen G., KOSGEB, Nutrigenomik Kit Üretimi, 2023 - 2025

Yeşil Sayın G., Gülaçar İ. M., Başaran S., Project Supported by Higher Education Institutions, Contribution of whole genome sequencing method to diagnosis of genetic diseases, 2021 - 2023

Eskitaşcıoğlu M., Oto G., Gülaçar İ. M., Project Supported by Higher Education Institutions, Protez Parlatma Macununun in vitro Ortamda Sitotoksik ve Genotoksik Etkilerinin Belirlenmesi, 2022 - 2022

Görgişen G., Gülaçar İ. M., KOSGEB, Real-Time PCR Tabanlı Farmakogenetik Tanı Kitlerinin Geliştirilmesi, 2020 - 2022

Uce Özkol H., Görgişen G., Özkol H., Tülüce 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., Tülüce 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

Tülüce Y., Özkol H., Gülaçar İ. M., Project Supported by Higher Education Institutions, Glioblastoma Multiforme Dokularında İnsülin Reseptör Substrat1in IRS1 Mutasyon Analizi ve EkspresyonAktivasyon Profilinin Değerlendirilmesi, 2016 - 2017

Memberships / Tasks in Scientific Organizations

Moleküler Kanser 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: 23

Citation (WoS): 45

Citation (Scopus): 74

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. Şti.

Genovan Genetik Biyoteknoloji İth. İhr. San. ve Tic. Ltd. Şti.