

## Assoc. Prof. GÜLCE NAZ YAZICI

### Personal Information

**Office Phone:** [+90 446 226 1818](tel:+904462261818) Extension: 31219

**Email:** [gnyazici@erzincan.edu.tr](mailto:gnyazici@erzincan.edu.tr)

**Web:** <https://avesis.ebyu.edu.tr/gnyazici>

**Address:** Erzincan Üniversitesi Tıp Fakültesi Dekanlığı Kat:1 Başbağlar Mahallesi Merkez / Erzincan

### International Researcher IDs

ORCID: 0000-0002-6989-997X

Yoksis Researcher ID: 143402

### Education Information

Post Doctorate, University of Florida, Veterinary Medicine , Center For Environmental And Human Toxicology, United States Of America 2016 - 2017

Doctorate, Gazi University, Tıp Fakültesi, Histoloji Ve Embriyoloji, Turkey 2009 - 2015

Postgraduate, Gazi University, Tıp Fakültesi, Histoloji Ve Embriyoloji , Turkey 2007 - 2009

Undergraduate, Gazi University, Fen - Edebiyat Fakültesi, Biyoloji, Turkey 2002 - 2006

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Health&Medicine, CLARITY Workshop, Stanford University Faculty of Medicine, Disseroth Lab., 2017

### Dissertations

Doctorate, Wound healing effect of nanofiner wound coverings, Gazi Üniversitesi, Tıp Fakültesi, Histoloji Ve Embriyoloji, 2015

Postgraduate, Kemoterapi uygulamasının sıçan akciğer dokusu üzerine etkilerinin yapısal düzeyde incelenmesi, Erzincan Üniversitesi, Tıp Fakültesi, Histoloji Ve Embriyoloji, 2009

### Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Histology and Embryology

### Academic Titles / Tasks

Assistant Professor, Erzincan Binali Yildirim University, Tıp Fakültesi, Temel Tıp, 2018 - Continues

Assistant Professor, Erzincan Binali Yildirim University, Tıp Fakültesi, Temel Tıp, 2016 - 2018

Lecturer PhD, Erzincan Binali Yildirim University, Tıp Fakültesi, Temel Tıp, 2015 - 2016

Lecturer, Gazi University, Tıp Fakültesi, Temel Tıp, 2009 - 2015

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

- I. **Effect of pycnogenol on ischemia/reperfusion-induced oxidative and inflammatory damage in the ovaries of rats**  
Dinc K., Kiremitli S., SÜLEYMAN B., MAMMADOV R., Yavuzer B., Bulut S., YAZICI G. N., ÇOBAN T. A., ALTUNER D., SÜLEYMAN H.  
Tropical Journal of Pharmaceutical Research, vol.22, no.11, pp.2297-2303, 2023 (SCI-Expanded)
- II. **The effect of carvacrol on the proinflammatory cytokines, histology, and fertility outcome of cisplatin-related ovarian change in a rat model.**  
DİNÇ K., Ozyurt R., ÇOBAN T. A., YAZICI G. N., SÜLEYMAN Z., Yavuzer B., SÜLEYMAN H.  
Taiwanese journal of obstetrics & gynecology, vol.62, no.2, pp.256-263, 2023 (SCI-Expanded)
- III. **The Effect of Carvacrol on Oxidative and Inflammatory Liver Damage due to Staphylococcus aureus Infection in Rats**  
DABANLIOĞLU B., SÜLEYMAN B., MAMMADOV R., ÇOBAN T. A., YAZICI G. N., AKYÜZ S., Yavuzer B., Bulut S., SÜLEYMAN H.  
Latin American Journal of Pharmacy, vol.42, no.3, pp.510-517, 2023 (SCI-Expanded)
- IV. **Tocilizumab is effective in preventing ovarian injury induced by ischemia-reperfusion in rats**  
Uzel K., Lakhno I., Turkler C., KUZUCU M., YAZICI G. N., MAMMADOV R., SÜLEYMAN B., Kale A., SÜLEYMAN H.  
Anais da Academia Brasileira de Ciencias, vol.95, no.1, 2023 (SCI-Expanded)
- V. **Protective Effect of Lycopene against Ethanol-induced Oxidative Kidney Damage in Rats**  
TUZ YILMAZ C., SÜLEYMAN B., MAMMADOV R., Bulut S., GÜRSUL C., YAZICI G. N., GÜLABOĞLU M., SÜLEYMAN H.  
Latin American Journal of Pharmacy, vol.42, no.12, pp.2417-2422, 2023 (SCI-Expanded)
- VI. **Protective effect of adenosine triphosphate and benidipine separately or together against cardiotoxicity caused by bevacizumab**  
Yıldırım E., Yıldırım N., Cengiz M., YAZICI G. N., COŞKUN R., SÜLEYMAN B., Coban A., SÜLEYMAN H.  
Biotechnic and Histochemistry, vol.98, no.3, pp.193-200, 2023 (SCI-Expanded)
- VII. **Efficiency of hypericum perforatum, povidone iodine, tincture benzoin and tretinoin on wound healing**  
Yalcinkaya E., Basaran M. M., Tunckasik M. E., YAZICI G. N., ELMAS Ç., Kocaturk S.  
Food and Chemical Toxicology, vol.166, 2022 (SCI-Expanded)
- VIII. **Investigation of the effect of metoclopramide on proliferation signal molecules in breast tissue**  
Umur N., İldan Çalın S., YAZICI G. N., GURGEN S. G.  
International Journal of Experimental Pathology, vol.103, no.3, pp.83-89, 2022 (SCI-Expanded)
- IX. **The effect of carvacrol on oxido-inflammatory ovarian injury and infertility induced by ischemia-reperfusion in rats**  
Sahin N., Delibas I. B., Isaoglu U., SÜLEYMAN B., YAZICI G. N., ÇOBAN T. A., Uzel K., SÜLEYMAN H., Arslan V.  
Clinical and Experimental Obstetrics and Gynecology, vol.49, no.3, 2022 (SCI-Expanded)
- X. **Effect of taxifolin on cyclophosphamide-induced oxidative and inflammatory bladder injury in rats**  
AKBAŞ N., SÜLEYMAN B., MAMMADOV R., YAZICI G. N., Bulut S., SÜLEYMAN H.  
Experimental Animals, vol.71, no.4, pp.460-467, 2022 (SCI-Expanded)
- XI. **The effect of rutin on pulmonary contusion induced by blunt trauma in rats: Biochemical and histopathological evaluation Rutinin sıçanlarda künt travmaya bağlı pulmoner kontüzyon üzerine etkisi: Biyokimyasal ve histopatolojik değerlendirme**  
Elma B., MAMMADOV R., Bilgin Y., YAZICI G. N., SÜLEYMAN H., ÇOBAN T. A.  
Turkish Journal of Thoracic and Cardiovascular Surgery, vol.30, no.3, pp.431-439, 2022 (SCI-Expanded)
- XII. **The effects of taxifolin on neuropathy related with hyperglycemia and neuropathic pain in rats: A biochemical and histopathological evaluation**

Alay M., Sonmez M. G., Sakin A., Atmaca M., SÜLEYMAN H., YAZICI G. N., Coban A., SÜLEYMAN B., Bulut S., ALTUNER D.

Advances in Clinical and Experimental Medicine, vol.31, no.4, 2022 (SCI-Expanded)

- XIII. **The protective effect of carvacrol on bevacizumab-related skin injury in rats: a biochemical and histopathological evaluation**  
Gore Karaali M., Karaali S., Demir D., YAZICI G. N., Coban A., MAMMADOV R., SÜLEYMAN B., SÜLEYMAN H.  
Cutaneous and Ocular Toxicology, vol.41, no.4, pp.285-290, 2022 (SCI-Expanded)
- XIV. **Effect of pycnogenol on ethanol-related oxidative retinal injury: an experimental study**  
YAZICI G. N., SUNAR M., SÜLEYMAN B., Abdulkadir Çoban T., Kemal Arslan Y., SÜLEYMAN H.  
European Review for Medical and Pharmacological Sciences, vol.26, no.14, pp.5225-5232, 2022 (SCI-Expanded)
- XV. **EFFECT OF NIMESULIDE AGAINST INDOMETHACININDUCED OXIDATIVE LIVER DAMAGE IN RATS**  
Yılmaz Ç. M., Süleyman B., Mammadov R., Özçiçek A., Bulut S., Yazıcı G. N., Gulapoglu M., Süleyman H.  
Acta Poloniae Pharmaceutica - Drug Research, vol.79, no.3, pp.385-391, 2022 (SCI-Expanded)
- XVI. **Ameliorative effects of Liv-52 on doxorubicin-induced oxidative damage in rat liver.**  
Yildirim N., Lale A., Yazıcı G. N., Sunar M., Aktaş M., Ozcicek A., Süleyman B., Özçiçek F., Süleyman H.  
Biotechnic & histochemistry : official publication of the Biological Stain Commission, vol.97, no.8, pp.616-621, 2022 (SCI-Expanded)
- XVII. **Effect of Taxifolin on Ischemia/Reperfusion-Induced Oxidative Injury of Sciatic Nerve in Rats**  
Yuceli S., SÜLEYMAN B., YAZICI G. N., MAMMADOV R., ÇANKAYA M., Kunak C. S., Bulut S., SÜLEYMAN H., ALTUNER D.  
Transplantation Proceedings, vol.53, no.10, pp.3087-3092, 2021 (SCI-Expanded)
- XVIII. **Effect of Sunitinib on Liver Oxidative and Proinflammatory Damage Induced by Ischemia-Reperfusion in Rats.**  
Bilici S., Yazici G. N., Altuner D., Aggul A. G., Suleyman H.  
Transplantation proceedings, vol.53, no.7, pp.2140-2146, 2021 (SCI-Expanded)
- XIX. **Protective effect of Coenzyme Q10 on oxidative ovarian and uterine damage induced by methotrexate in rats.**  
Kiremitli T., Kiremitli S., Akselim B., Yilmaz B., Mammadov R., Tor I. H., Yazici G. N., Gulaboglu M.  
Human & experimental toxicology, vol.40, no.9, pp.1537-1544, 2021 (SCI-Expanded)
- XX. **The Effect of Monosodium Glutamate on Neuronal Signaling Molecules in the Hippocampus and the Neuroprotective Effects of Omega-3 Fatty Acids**  
Gürgen S. G., Saylı O., Çeti'n F., Sarsmaz H. Y., Yazıcı G. N., Umur N., Yücel A. T.  
ACS Chemical Neuroscience, vol.12, no.16, pp.3028-3037, 2021 (SCI-Expanded)
- XXI. **The Effect of Taxifolin on Acrylamide-induced Oxidative and Proinflammatory Brain Injury in Rats: A Biochemical and Histopathological Study**  
ERSOY A., YAŞAR H., TANOĞLU C., YAZICI G. N., ÇOBAN T. A., Arslan Y. K., SÜLEYMAN H.  
Indian Journal of Pharmaceutical Education and Research, vol.55, no.3s, 2021 (SCI-Expanded)
- XXII. **Metoclopramide use to induce lactation can alter DRD2 and BDNF in the prefrontal cortex of offspring**  
Gürgen S. G., YAZICI G. N., Gözükara C., KABAROĞLU C., Onur E.  
Journal of Chemical Neuroanatomy, vol.109, 2020 (SCI-Expanded)
- XXIII. **Investigation of Pseudomonas aeruginosa Biofilm Formation and Quorum Sensing Genes in Piperacillin/Tazobactam and Ciprofloxacin Sub-minimal Inhibitory Concentrations**  
Erdal B., Yalinay M., ELMAS Ç., YAZICI G. N.  
MIKROBİYOLOJİ BULTENİ, vol.54, no.4, pp.547-558, 2020 (SCI-Expanded)
- XXIV. **The effect of adenosine triphosphate on sunitinib-induced cardiac injury in rats**  
Aldemir M. Ş., Simsek M., Kara A., ÖZÇİÇEK F., MAMMADOV R., YAZICI G. N., SUNAR M., COŞKUN R., GÜLABOĞLU M., SÜLEYMAN H.  
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.39, no.8, pp.1046-1053, 2020 (SCI-Expanded)
- XXV. **An immunohistochemical study of the effects of various antioxidants on rat lung during chemotherapy**

- YAZICI G. N., Erdogan D., Gurgun S. G., SUNAR M., ELMAS Ç., Umur N., Ilgaz C.  
BIOTECHNIC & HISTOCHEMISTRY, vol.95, no.6, pp.445-455, 2020 (SCI-Expanded)
- XXVI. **Effects of adenosine triphosphate on methanol-induced experimental optic nerve damage in rats: biochemical and histopathological evaluation**  
İÇEL E., SÜLEYMAN H., YAZICI G. N., BAKAN N., SUNAR M.  
CUTANEOUS AND OCULAR TOXICOLOGY, vol.39, no.3, pp.244-248, 2020 (SCI-Expanded)
- XXVII. **Effects of anakinra on the small intestine mucositis induced by methotrexate in rats.**  
Ozcicek F., Kara A., Akbas E., Kurt N., Yazici G. N., Cankaya M., Mammadov R., Ozcicek A., Suleyman H.  
Experimental animals, vol.69, no.2, pp.144-152, 2020 (SCI-Expanded)
- XXVIII. **Effects of adenosine triphosphate on vandetanib induced skin damage in rats**  
Akagunduz B., ÖZÇİÇEK F., Kara A. V., Guven D. C., YAZICI G. N., Coban A., SÜLEYMAN B., MAMMADOV R., SÜLEYMAN H.  
CUTANEOUS AND OCULAR TOXICOLOGY, vol.39, no.4, pp.323-327, 2020 (SCI-Expanded)
- XXIX. **Effect of Taxifolin on Cobalt-induced Ototoxicity in Rats: A Biochemical and Histopathological Study**  
SALCAN İ., Dilber M., Bayram R., Suleyman E., ERHAN E., Yi S., YAZICI G. N., Coban A., SÜLEYMAN H.  
INTERNATIONAL JOURNAL OF PHARMACOLOGY, vol.16, no.8, pp.522-528, 2020 (SCI-Expanded)
- XXX. **An experimental study on the use of lycopene to prevent infertility due to acute oxidative ovarian damage caused by a single high dose of methotrexate**  
TÜRKLER C., ONAT T., Yildirim E., Kaplan S., YAZICI G. N., MAMMADOV R., SUNAR M.  
ADVANCES IN CLINICAL AND EXPERIMENTAL MEDICINE, vol.29, no.1, pp.5-11, 2020 (SCI-Expanded)
- XXXI. **The effect of lutein on paclitaxel-induced neuropathy and neuropathic pain in rats**  
Yaşar H., Ersoy A., Yazıcı G. N., Süleyman H., Özgeriş F. B., Arslan Y. K., Sunar M.  
INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL MEDICINE, vol.13, no.6, pp.4316-4323, 2020 (SCI-Expanded)
- XXXII. **Functional Profiling Identifies Determinants of Arsenic Trioxide Cellular Toxicity.**  
Sobh A., Loguinov A., Yazici G. N., Zeidan R. S., Tagmount A., Hejazi N. S., Hubbard A. E., Zhang L., Vulpe C. D.  
Toxicological sciences : an official journal of the Society of Toxicology, vol.169, no.1, pp.108-121, 2019 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Ischemia-Reperfusion Injury of Sciatic Nerve in Rats and Protective Role of Benidipine Hydrochloride**  
ÇAKIR T., YÜCETAŞ Ş. C., YAZICI G. N., SUNAR M., ARSLAN Y. K., KAYACI S., SÜLEYMAN H.  
EUROPEAN JOURNAL OF THERAPEUTICS, vol.27, 2021 (ESCI)
- II. **Taxifolin attenuates ischemia-reperfusion induced oxidative ovarian damage in rats**  
KİREMİTLİ S., KİREMİTLİ T., Nayki U., Yilmaz N., Turkler C., DİNÇ K., MAMMADOV R., Yazici G. N., GÜLABOĞLU M., Cetin N.  
Asian Pacific Journal of Reproduction, vol.10, no.4, pp.168-175, 2021 (Scopus)
- III. **A study to reveal the effectiveness of taxifolin insunitinib-induced oxidative muscle damage in rats**  
YAŞAR H., TANOĞLU C., Gülapoğlu M., YAZICI G. N., ARSLAN Y. K.  
Archives of Medical Science - Civilization Diseases, vol.6, pp.103-108, 2021 (Peer-Reviewed Journal)
- IV. **Valproik Asit Uygulamasının Embriyo İmplantasyon Bölgesinde Vazoaktif İntestinal Peptid ve Siklooksijenaz-2 Aktivitesi Üzerine Etkisi**  
YAZICI G. N., GÜRGEN S. G., SUNAR M., CANSU A.  
Dicle Tıp Dergisi, vol.48, no.4, pp.865-873, 2021 (Peer-Reviewed Journal)
- V. **Effects of Various Antioxidants on Rat Lung Tissue During Chemotherapy: Electron Microscopic Study**  
Yazici G. N., GÜRGEN S. G., SUNAR M., ELMAS Ç.  
GAZI MEDICAL JOURNAL, vol.32, no.3, pp.403-408, 2021 (ESCI)

- VI. **The Possible Protective Effects of Curcumin in the Case of Benzo(a)pyrene Administration on Rat Sperm Motility and Morphology**  
SEYMEN C. M., KAPLANOĞLU İ., TAKE KAPLANOĞLU G., YAZICI G. N., ERDOĞAN D.  
ORTADOĞU TIP DERGİSİ, vol.12, no.2, pp.241-250, 2020 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **BIOCHEMICAL AND HISTOPATHOLOGICAL PARAMETERS USED IN EXPERIMENTAL OVARIAN ISCHEMIA / REPERFUSION MODELS IN RECENT YEARS**  
YAZICI G. N.  
in: Medical Diagnosis and Treatment Methods in Basic Medical Sciences, Prof. Dr. Sıddık Keskin, Editor, Livre de Lyon, Lyon, pp.13-24, 2020
- II. **A BIOMEDICAL TREASURE: NANOFIBERS IN WOUND HEALING**  
SUNAR M., YAZICI G. N.  
in: Medical Diagnosis and Treatment Methods in Basic Medical Sciences, Keskin Sıddık, Editor, Livre de Lyon, Lyon, pp.1-11, 2020

## Refereed Congress / Symposium Publications in Proceedings

- I. **Cardioprotective Effects of Taxifolin on Doxorubicin-Induced Cardiotoxicity in Rats**  
ALDEMİR M. N., KARA A. V., MAMADOV R., YAZICI G. N., SUNAR M., COŞKUN R., SAKİN A., GÜLABOĞLU M., SÜLEYMAN H.  
5. ULUSAL İMMÜNÖTERAPİ VE ONKOLOJİ KONGRESİ, Antalya, Turkey, 13 October 2021
- II. **Amnios Sıvısı Hiperbarik Oksijene Maruz Kalmış Anne Ratların Fetuslarının Gelişiminde Olan Akciğerlerini Oksijenin Toksik Etkilerinden Koruyabilir mi?**  
KORKMAZ L., TOPAL İ., ALAN C., bozkurt a. s., GÜRSUL C., YAZICI G. N.  
Erciyes Pediatri Akademisi kış Kongresi, Kayseri, Turkey, 26 March 2021, pp.114-123
- III. **Effect of pycnogenol on ethanol-related oxidative optic nerve injury: An experimental study**  
YAZICI G. N.  
INTERNATIONAL EURASIAN CONFERENCE ON BIOTECHNOLOGY AND BIOCHEMISTRY, Ankara, Turkey, 16 December 2020, vol.0, pp.150
- IV. **Immunohistochemical Changes after Metoclopramide Administration in Rat Brain Cells**  
GÜRGEN S. G., TUÇ YÜCEL A., UMUR N., YAZICI G. N.  
2nd International Cell Death Research Congress, 1 - 04 November 2018
- V. **Monosodium Glutamat'ın Hipokampusda Nenden Olabileceği Nöronal Hasarlar ve Omega-3 Yağ Asitleri'nin Koruyucu Etkisi**  
GÜRGEN S. G., TUÇ YÜCEL A., SAYIN O., ÇETİN F., YAZICI G. N.  
6. ULUSAL MOLEKÜLER BİYOLOJİ VE BİYOTEKNOLOJİ KONGRESİ, Adana, Turkey, 5 - 07 October 2017
- VI. **THE STUDY OF THE EFFECT ON THE BONE TISSUE DEPENDING ON THE AGE GINKGO BILOBA EXTRACT AND GROWTH FACTORS**  
GÜRGEN S. G., YAZICI G. N.  
International Congress on Advances in Bioscience and Biotechnology, Sarajevo, Bosnia And Herzegovina, 25 - 29 October 2017
- VII. **Yara İyileşmesinde Nanofibriler Yara Örtülerinin Etkisi**  
YAZICI G. N., SERİNÇAY H., ELMAS Ç., SEYMEN C. M., ERDOĞAN D., USLU İ.  
6. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, 5 - 07 October 2017
- VIII. **WHEY PROTEİN DESTEĞİ İLE BESLENEN RATLARIN BEYİNLERİNDE MEYDANA GELEBİLECEK DEĞİŞİKLİKLERİN HİSTOPATOLOJİK OLARAK DEĞERLENDİRİLMESİ**  
TUÇ YÜCEL A., GÜRGEN S. G., YAZICI G. N., KOÇTÜRK A. S.

1. Uluslararası Sağlık Bilimleri Kongresi, Aydın, Turkey, 29 June - 01 July 2017

**IX. EMZİRME DÖNEMİNDE SÜT ARTTIRMAK AMACIYLA KULLANILAN METOKLOPRAMİDYENİDOĞANDA EKSTRAPİRAMİDAL REAKSİYONA NEDEN OLUR MU?**

GÜRGEN S. G., GÖZÜKARA C., TUÇ YÜCEL A., YAZICI G. N., İLDAN ÇALIM S., ONUR E.

1. Uluslararası Sağlık Bilimleri Kongresi, Aydın, Turkey, 29 June - 01 July 2017

## **Metrics**

Publication: 77

Citation (WoS): 76

Citation (Scopus): 214

H-Index (WoS): 4

H-Index (Scopus): 8

## **Non Academic Experience**

UNIVERSITY OF FLORIDA