

## Personal Information

Email: nurayvarol@gazi.edu.tr

Web: <https://avesis.gazi.edu.tr/12674>

## Research Areas

Health Sciences

## Academic Titles / Tasks

Associate Professor, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2020 - Continues

Assistant Professor, Afyon Kocatepe University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2014 - Continues

Associate Professor, Afyonkarahisar Health Sciences University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2019 - 2020

## Academic and Administrative Experience

Afyon Kocatepe University, Sağlık Bilimleri Enstitüsü, 2014 - 2017

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

- I. **Boron, a Trace Mineral, Alleviates Gentamicin-Induced Nephrotoxicity in Rats**  
Ince S., Kucukkurt I., Demirel H. H. , Arslan-Acaroz D., Varol N.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.195, no.2, pp.515-524, 2020 (Journal Indexed in SCI)
- II. **Proteomic analysis of the anticancer effect of various extracts of endemic *Thermopsis turcica* in human cervical cancer cells**  
Yildiz M., Terzi H., Yildiz S. H. , Varol N., Ozdemir Erdogan M., KASAP M., Akcali N., Solak M.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.50, no.8, pp.1993-2004, 2020 (Journal Indexed in SCI)
- III. **Bisphenol-A induced oxidative stress, inflammatory gene expression, and metabolic and histopathological changes in male Wistar albino rats: protective role of boron**  
Acaroz U., Ince S., Arslan-Acaroz D., Gurler Z., Demirel H. H. , Kucukkurt I., Eryavuz A., Kara R., Varol N., Zhu K.  
TOXICOLOGY RESEARCH, vol.8, no.2, pp.262-269, 2019 (Journal Indexed in SCI)
- IV. **Boron ameliorates arsenic-induced DNA damage, proinflammatory cytokine gene expressions, oxidant/antioxidant status, and biochemical parameters in rats**  
Ince S., Kucukkurt I., Acaroz U., Arslan-Acaroz D., Varol N.  
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.33, no.2, 2019 (Journal Indexed in SCI)
- V. **THE EFFECT OF HEAT SHOCK PROTEIN 90 INHIBITORS ON HISTONE 4 LYSINE 20 METHYLATION IN BLADDER CANCER**  
Coban N., Varol N.  
EXCLI JOURNAL, vol.18, pp.195-203, 2019 (Journal Indexed in SCI)
- VI. **Relationship between SIRT1 gene expression level and disease in age-related cataract cases**  
Agaoglu N. B. , Varol N., Yildiz S. H. , Karaosmanoglu C., Duman R., Erdogan M. O. , Solak M.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.49, no.4, pp.1068-1072, 2019 (Journal Indexed in SCI)
- VII. **Effect of gene polymorphisms in transmembrane protein 18 (TMEM18) and neuronal growth**

**regulator 1 (NEGR1) on body mass index in obese subjects**

Erdogan M. O. , Avci K., Yildiz S. H. , Terzi E. S. A. , Soylemez Z., Varol N., Solak M.

BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.32, no.6, pp.1567-1574, 2018 (Journal Indexed in SCI)

- VIII. **The ameliorative effects of boron against acrylamide-induced oxidative stress, inflammatory response, and metabolic changes in rats**  
Acaroz U., Ince S., Arslan-Acaroz D., Gurler Z., Kucukkurt I., Demirel H. H. , Arslan H. O. , Varol N., Zhu K.  
FOOD AND CHEMICAL TOXICOLOGY, vol.118, pp.745-752, 2018 (Journal Indexed in SCI)
- IX. **Taurine alleviates malathion induced lipid peroxidation, oxidative stress, and proinflammatory cytokine gene expressions in rats**  
Ince S., Arslan-Acaroz D., Demirel H. H. , Varol N., Ozyurek H. A. , Zemheri F., Kucukkurt I.  
BIOMEDICINE & PHARMACOTHERAPY, vol.96, pp.263-268, 2017 (Journal Indexed in SCI)
- X. **Expression profiles of CD11b, galectin-1, beclin-1, and caspase-3 in nasal polyposis**  
Dilci A., VAROL N., Kiliccioglu I., KONAÇ E., AYDİL U., KIZIL Y., Uslu S.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.47, no.6, pp.1757-1764, 2017 (Journal Indexed in SCI)
- XI. **DNA Methylation Dynamics in Human Carotid Plaques After Cerebrovascular Events**  
Zaina S., Goncalves I., Javier Carmona F., Gomez A., Heyn H., Mollet I. G. , Moran S., Varol N., Esteller M.  
ARTERIOSCLEROSIS THROMBOSIS AND VASCULAR BIOLOGY, vol.35, no.8, pp.1835-1842, 2015 (Journal Indexed in SCI)
- XII. **Synergistic effects of cisplatin and proteasome inhibitor bortezomib on human bladder cancer cells**  
Konaç E., Varol N., Kiliccioglu I., Bilen C. Y.  
ONCOLOGY LETTERS, vol.10, pp.560-564, 2015 (Journal Indexed in SCI)
- XIII. **Does Wnt/beta-catenin pathway contribute to the stability of DNMT1 expression in urological cancer cell lines?**  
Varol N., Konaç E., Bilen C. Y.  
EXPERIMENTAL BIOLOGY AND MEDICINE, vol.240, no.5, pp.624-630, 2015 (Journal Indexed in SCI)
- XIV. **The DNA methylation drift of the atherosclerotic aorta increases with lesion progression**  
del Pilar Valencia-Morales M., Zaina S., Heyn H., Javier Carmona F., Varol N., Sayols S., Condom E., Ramirez-Ruz J., Gomez A., Moran S., et al.  
BMC MEDICAL GENOMICS, vol.8, 2015 (Journal Indexed in SCI)
- XV. **The Inhibitory Effect of Platelet-Rich Plasma on Botulinum Toxin Type-A: An Experimental Study in Rabbits**  
Bulam H., AYHAN M. S. , Sezgin B., ZİNNUROĞLU M., KONAÇ E., Varol N., FINDIKÇIOĞLU K., TUNCER S., Cenetoglu S.  
AESTHETIC PLASTIC SURGERY, vol.39, no.1, pp.134-140, 2015 (Journal Indexed in SCI)
- XVI. **Methylation analysis of the DAPK1 gene in imatinib-resistant chronic myeloid leukemia patients**  
Celik S., Akcora D., Ozkan T., Varol N., Aydos S., Sunguroglu A.  
ONCOLOGY LETTERS, vol.9, no.1, pp.399-404, 2015 (Journal Indexed in SCI)
- XVII. **Does Pattern Scan Laser (PASCAL) photocoagulation really induce less VEGF expression in murine retina than conventional laser treatment?**  
Konaç E., Sonmez K., Bahçelioğlu M., Take Kaplanoglu G., Varol N., Sarac G. N. , Ozcan P. Y.  
GENE, vol.549, no.1, pp.156-160, 2014 (Journal Indexed in SCI)
- XVIII. **DNA Methylation Map of Human Atherosclerosis**  
Zaina S., Heyn H., Javier Carmona F., Varol N., Sayols S., Condom E., Ramirez-Ruz J., Gomez A., Goncalves I., Moran S., et al.  
CIRCULATION-CARDIOVASCULAR GENETICS, vol.7, no.5, pp.692-700, 2014 (Journal Indexed in SCI)
- XIX. **The Epigenetically Regulated Effects of Wnt Antagonists on the Expression of Genes in the Apoptosis Pathway in Human Bladder Cancer Cell Line (T24)**  
Varol N., KONAÇ E., Onen I. H. , Gurocak S., Alp E., Yilmaz A., Menevse S., Sozen S.  
DNA AND CELL BIOLOGY, vol.33, no.7, pp.408-417, 2014 (Journal Indexed in SCI)
- XX. **Effects of AG490 and S3I-201 on regulation of the JAK/STAT3 signaling pathway in relation to angiogenesis in TRAIL-resistant prostate cancer cells in vitro**  
Gurbuz V., Konaç E., Varol N., Yilmaz A., Gurocak S., Menevse S., Sozen S.

ONCOLOGY LETTERS, vol.7, pp.755-763, 2014 (Journal Indexed in SCI)

- XXI. **Apoptotic effects of proteasome and histone deacetylase inhibitors in prostate cancer cell lines**  
Kiliccioglu I, Konac E, Varol N, Gurocak S, Bilen C. Y.  
Genetics and Molecular Research, vol.13, no.2, pp.3721-3731, 2014 (Journal Indexed in SCI Expanded)
- XXII. **DNA methyltransferase inhibitor-mediated apoptosis in the Wnt/beta-catenin signal pathway in a renal cell carcinoma cell line**  
Konaç E, Varol N, Yilmaz A, Menevse S, Sozen S.  
EXPERIMENTAL BIOLOGY AND MEDICINE, vol.238, no.9, pp.1009-1016, 2013 (Journal Indexed in SCI)
- XXIII. **Potential genotoxic effect of Re-186-HEDP on human lymphocyte cells: in-vitro evaluation with micronucleus-FISH analysis**  
Ozkal-Baydin P, Gumus-Akay G, Varol N, Rustemoglu A, Koroglu R, Yuksel S, Kucuk O, Aras G, Ibis E, Sunguroglu A.  
NUCLEAR MEDICINE COMMUNICATIONS, vol.33, no.4, pp.415-421, 2012 (Journal Indexed in SCI)
- XXIV. **The realm of microRNAs in cancers**  
Varol N, KONAÇ E, GÜROCAK Ö. S. , Sozen S.  
MOLECULAR BIOLOGY REPORTS, vol.38, no.2, pp.1079-1089, 2011 (Journal Indexed in SCI)
- XXV. **Effects of aqueous garlic extract on oxidant/antioxidant status in 32D and 32Dp210 cell lines**  
Avci A, Sunguroglu A, Erguder I. B. , Akay G. G. , Devrim E, Baydin P. O. , Varol N, Durak I.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.40, no.6, pp.881-888, 2010 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Proteasome and HDAC Inhibition Changes the Expression Levels of Bcl-2, Bcl-x, Bim and Bik Proteins in Androgen-Independent Pc-3 Cell Line**  
Kiliccioglu I, KONAÇ E, VAROL N, Bilen C. Y.  
GAZI MEDICAL JOURNAL, vol.26, no.4, pp.155-157, 2015 (Journal Indexed in ESCI)

## Memberships / Tasks in Scientific Organizations

ASCO, Member, 2017 - Continues, United States Of America  
AACR, Member, 2016 - Continues, United States Of America  
EACR, Member, 2010 - Continues, England

## Citations

Total Citations (WOS):380  
h-index (WOS):12