

## Res. Asst. MÜSLÜM GÖK

### Personal Information

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### Education Information

Doctorate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Biyokimya, Turkey 2015 - Continues

Postgraduate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Biyokimya, Turkey 2013 - 2015

Undergraduate, Cukurova University, Fen-Edebiyat Fakültesi, Kimya, Turkey 2007 - 2012

### Foreign Languages

English, B2 Upper Intermediate

### Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biochemistry

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

- I. **Melatonin is effective in attenuating cisplatin-induced neurotoxicity**  
Bayraktar U. A., ARIHAN O., ATALAY Ö., GÖK M., Cicek C., BODUR E., TUNCER M.  
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.36, no.7, 2022 (SCI-Expanded)
- II. **Composite nanofibers incorporating alpha lipoic acid and atorvastatin provide neuroprotection after peripheral nerve injury in rats**  
Haidar M. K., TİMUR S. S., Kazancı A., Turkoglu O. F., GÜRSOY R. N., NEMUTLU E., Sargon M. F., BODUR E., GÖK M., ULUBAYRAM K., et al.  
EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS, vol.153, pp.1-13, 2020 (SCI-Expanded)
- III. **EFFECTS OF TIMOLOL TREATMENT ON PANCREATIC ANTIOXIDANT ENZYMES IN STREPTOZOTOCIN-INDUCED DIABETIC RATS: AN EXPERIMENTAL AND COMPUTATIONAL STUDY**  
Ulusu N. N., GÖK M., Erman B., TURAN B.  
JOURNAL OF MEDICAL BIOCHEMISTRY, vol.38, no.3, pp.306-316, 2019 (SCI-Expanded)
- IV. **Impact of the Di(2-Ethylhexyl) Phthalate Administration on Trace Element and Mineral Levels in Relation of Kidney and Liver Damage in Rats**  
Aydemir D., KARABULUT G., Simsek G., GÖK M., BARLAS N., Ulusu N. N.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.186, no.2, pp.474-488, 2018 (SCI-Expanded)
- V. **Butyrylcholinesterase expression is regulated by fatty acids in HepG2 cells**  
Gok M., ZEYBEK N. D., BODUR E.  
CHEMICO-BIOLOGICAL INTERACTIONS, vol.259, pp.276-281, 2016 (SCI-Expanded)

- VI. Long-term treatment with a beta-blocker timolol attenuates renal-damage in diabetic rats via enhancing kidney antioxidant-defense system  
Gokturk H., Ulusu N. N., Gok M., Tuncay E., Can B., Turan B.  
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.395, pp.177-186, 2014 (SCI-Expanded)

## Articles Published in Other Journals

- I. Data the DEHP induced changes on the trace element and mineral levels in the brain and testis tissues of rats  
Aydemir D., KARABULUT G., GÖK M., BARLAS N., Ulusu N. N.  
DATA IN BRIEF, vol.26, 2019 (ESCI)
- II. Antioxidant SMe1EC2 modulates pentose phosphate pathway and glutathione-dependent enzyme activities in tissues of aged diabetic rats  
Ulusu N. N., Gök M., Şakul A. A. S., Ari N., Stefek M., Karasu Ç.  
Interdisciplinary Toxicology, vol.10, no.4, pp.148-154, 2017 (Scopus)
- III. Flaxseed Protects Against Diabetes-Induced Glucotoxicity by Modulating Pentose Phosphate Pathway and Glutathione-Dependent Enzyme Activities in Rats  
Gok M., Ulusu N. N., Tarhan N., Tufan C., Ozansoy G., Ari N., Karasu Ç.  
Journal of Dietary Supplements, vol.13, no.3, pp.339-351, 2016 (Scopus)

## Refereed Congress / Symposium Publications in Proceedings

- I. Timolol and pentose phosphate pathway enzymes  
Ulusu N. N., GÖK M., TURAN B.  
31st Annual Symposium of the Protein-Society, Montreal, Canada, 24 - 27 July 2017, vol.26, pp.93
- II. Effect of retinoid derivates on cholinesterase activity  
GÖK M., Gurkan-Alp A. S., Buyukbingol E., BODUR E.  
42nd Congress of the Federation-of-European-Biochemical-Societies (FEBS) on From Molecules to Cells and Back, Jerusalem, Israel, 10 - 14 September 2017, vol.284, pp.327
- III. New perspective on human butyrylcholinesterase activity: Lipid hydrolysis  
GÖK M., Cicek C., BODUR E.  
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.215-216

## Supported Projects

ZEYBEK N. D., TAŞAR G. E., ÖZCAN A., DOLGUN N. A., GÖK M., Bahador E., USUBÜTÜN A., BODUR E., ŞAHAN Ö. B., Project Supported by Higher Education Institutions, OVER KANSERLERİNDE BMP7 ve BMP2'NİN İNVAZYON VE METASTAZDAKİ ETKİSİ, 2017 - 2019

BODUR E., GÖK M., Project Supported by Higher Education Institutions, İnsan serum bütirilkolinesterazının karaciğer HepG2 hücrelerinde lipid metabolizması ile etkileşiminin incelenmesi, 2014 - 2018

## Metrics

Publication: 12

Citation (WoS): 65

Citation (Scopus): 74

H-Index (WoS): 4

H-Index (Scopus): 4