

Dr. Öğr. Üyesi Nurdan GÖNÜL BALTAZI

Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Atatürk Üniversitesi, Fen Fakültesi, Moleküler Biyoloji Ve Genetik, Türkiye 2013 - 2018
Yüksek Lisans, Atatürk Üniversitesi, Fen Fakültesi, Moleküler Biyoloji Ve Genetik, Türkiye 2011 - 2013
Lisans, Atatürk Üniversitesi, Fen Fakültesi, Kimya, Türkiye 2006 - 2010

Yabancı Diller

İngilizce, B2 Orta Üstü

Araştırma Alanları

Yaşam Bilimleri, Biyoteknoloji, Moleküler Biyoloji ve Genetik, Temel Bilimler

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Depletion of *Tip60/Kat5* affects the hepatic antioxidant system in mice**
Kocpinar E. F., Baltaci N., AKKEMİK E., BUDAK H.
JOURNAL OF CELLULAR BIOCHEMISTRY, cilt.124, sa.1, ss.103-117, 2023 (SCI-Expanded)
- II. ***Tip60/Kat5* may be a novel candidate histone acetyltransferase for the regulation of liver iron localization via acetylation**
Baltaci N., TORAMAN E., Akyuz M., Kalin S. N., BUDAK H.
BIOMETALS, cilt.35, sa.6, ss.1187-1197, 2022 (SCI-Expanded)
- III. **Effect of Titanium Dioxide and Silver Nanoparticles on Mitochondrial Dynamics in Mouse Testis Tissue**
Arslan N. P., Keleş O. N., Gonul-Baltaci N.
BIOLOGICAL TRACE ELEMENT RESEARCH, cilt.200, sa.4, ss.1650-1658, 2022 (SCI-Expanded)
- IV. ***Tip60* might be a candidate for the acetylation of hepatic carbonic anhydrase I and III in mice**
Gonul Baltaci N., Koçpinar E. F., Budak H.
MOLECULAR BIOLOGY REPORTS, sa.11, ss.7397-7404, 2021 (SCI-Expanded)
- V. **Co-production of Amylase and Protease by Locally Isolated Thermophilic Bacterium *Anoxybacillus rupiensis* T2 in Sterile and Non-sterile Media Using Waste Potato Peels as Substrate**
Tuysuz E., Gonul-Baltaci N., Ömeroğlu M. A., Adıgüzel A., Taşkin M., Özkan H.
WASTE AND BIOMASS VALORIZATION, sa.12, ss.6793-6802, 2020 (SCI-Expanded)
- VI. **Effect of a Prolonged Dietary Iron Intake on the Gene Expression and Activity of the Testicular Antioxidant Defense System in Rats**

- Kocpinar E. F., Gönül Baltacı N., Ceylan H., Kalın S. N., Erdoğan O., Budak H.
BIOLOGICAL TRACE ELEMENT RESEARCH, sa.1, ss.135-141, 2020 (SCI-Expanded)
- VII. Examining the link between dose-dependent dietary iron intake and Alzheimer's disease through oxidative stress in the rat cortex
Ceylan H., Budak H., Kocpinar E. F., Baltacı N., Erdoğan O.
JOURNAL OF TRACE ELEMENTS IN MEDICINE AND BIOLOGY, ss.198-206, 2019 (SCI-Expanded)
- VIII. In vitro and in vivo effects of iron on the expression and activity of glucose 6-phosphate dehydrogenase, 6-phosphogluconate dehydrogenase, and glutathione reductase in rat spleen
Gonul B., Guler C., Ceylan H., Kalın S., Adem S., Kocpinar E. F., Erdogan O., Budak H.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, sa.1, 2019 (SCI-Expanded)
- IX. Stimulation of gene expression and activity of antioxidant related enzyme in Sprague Dawley rat kidney induced by long-term iron toxicity
Budak H., Kocpinar E. F., Gonul N., Ceylan H., Erol H. S., Erdogan O.
COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY C-TOXICOLOGY & PHARMACOLOGY, ss.44-50, 2014 (SCI-Expanded)
- X. Expression of Glucose-6-Phosphate Dehydrogenase and 6-Phosphogluconate Dehydrogenase in Oxidative Stress Induced by Long- Term Iron Toxicity in Rat Liver
BUDAK H., CEYLAN H., Kocpinar E. F., Gonul N., ERDOĞAN O.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, sa.5, ss.217-223, 2014 (SCI-Expanded)
- XI. Impact of long term Fe³⁺ toxicity on expression of glutathione system in rat liver
BUDAK H., GONUL N., Ceylan H., KOCPINAR E.
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, sa.1, ss.365-370, 2014 (SCI-Expanded)

Diger Dergilerde Yayınlanan Makaleler

- I. Microbial conversion of waste baklava syrup to biofuels and bioproducts
ÖMEROĞLU M. A., Gonul-Baltaci N., Arslan N. P., ADIGÜZEL A., TAŞKIN M.
BIOCATALYSIS AND AGRICULTURAL BIOTECHNOLOGY, cilt.42, 2022 (ESCI)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. How TrxR activity changes in an iron-overload mouse heart?
Altun S., Gönül Baltacı N., Budak H.
Molecular Biology and Biotechnology Congress, Konya, Türkiye, 25 - 27 Nisan 2018, ss.228
- II. Effects of long term iron toxicity on antioxidant related enzyme in rat spleen at gene and protein level
Gönül Baltacı N., Ceylan H., Koçpinar E. F., Kalın Ş. N., Erdoğan O., Budak H.
7th International Molecular Biology and Biotechnology Congress, Konya, Türkiye, 25 - 27 Nisan 2018, ss.130
- III. The impact of Tip60 gene on antioxidant system
Kocpinar E. F., Gonul N., Akkemik E., Eichele G., BUDAK H.
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Türkiye, 3 - 08 Eylül 2016, ss.407
- IV. The role of Tip60 in the inflammation process
ÇAKIR Ş. N., GÖNÜL N., AKYÜZ M., BASTEM A., AKMAN O., ALBAYRAK M., GÜNDÖĞDU C., EICHELE G., BUDAK H.
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Türkiye, 3 - 08 Eylül 2016, ss.358-359
- V. Oxidative Stress in Rat Cortex
Ceylan H., Koçpinar E. F., Gönül Baltacı N., Erdoğan O., Budak H.
III. International Congress of the Molecular Biology Association, İzmir, Türkiye, 10 - 12 Ekim 2014, ss.1

Metrikler

Yayın: 18

Atıf (WoS): 166

Atıf (Scopus): 179

H-İndeks (WoS): 7

H-İndeks (Scopus): 8