

2-27-2024

Cover and Contents

Follow this and additional works at: <https://journals.tubitak.gov.tr/biology>

Recommended Citation

(2024) "Cover and Contents," *Turkish Journal of Biology*. Vol. 48: No. 1, Article 1. Available at: <https://journals.tubitak.gov.tr/biology/vol48/iss1/1>

This Cover and Contents is brought to you for free and open access by TÜBİTAK Academic Journals. It has been accepted for inclusion in Turkish Journal of Biology by an authorized editor of TÜBİTAK Academic Journals. For more information, please contact academic.publications@tubitak.gov.tr.

VOLUME | ISSUE | YEAR
48 | 1 | 2024
ISSN 1300-0152 • E-ISSN 1303-6092

TURKISH JOURNAL OF BIOLOGY

<http://journals.tubitak.gov.tr/biology/>



Published by the Scientific and
Technological Research Council of Türkiye

TÜBİTAK

TURKISH JOURNAL OF BIOLOGY

Editor-in-Chief

Alaattin ŞEN, Pamukkale University, Türkiye

VOLUME 48 • ISSUE 1 • 2024

Associate Editor in Chief

Şerife AYAZ GÜNER, İzmir Institute of Technology, Türkiye

ISSN 1300-0152 • E-ISSN 1303-6092

SCOPE OF JOURNAL

- The Turkish Journal of Biology is published electronically 6 times a year by the Scientific and Technological Research Council of Turkey (TÜBİTAK).
- Accepts English-language manuscripts concerning all kinds of biological processes including biochemistry and biosynthesis, physiology and metabolism, molecular genetics, molecular biology, environmental biology, microbiology, neurobiology, genomics, proteomics, molecular farming, biotechnology/genetic transformation, nanobiotechnology, bioinformatics and systems biology, cell and developmental biology, stem cell biology, and reproductive biology.
- Contribution is open to researchers of all nationalities.
- Letters to the editor reflect the opinions of other researchers on articles published in the journal.
- The editor may invite survey reviews concerning recent developments in particular areas of interest.

EDITORIAL BOARD

- Ahmet KOÇ, İnönü University, Türkiye
- Ahmet ONAY, Dicle University, Türkiye
- Ali ERGÜL, Ankara University, Türkiye
- Ali Osman BELDÜZ, Karadeniz Technical University, Türkiye
- Ana Cristina da SILVA FIGUEIRDO, University of Lisbon, Portugal
- Annarita POLI, Consiglio Nazionale delle Ricerche Istituto di Chimica Biomolecolare Comprensorio "A. Olivetti", Italy
- Armağan KOÇER, University of Twente, Netherlands Antilles
- Aslı SİLAHTAROĞLU, University of Copenhagen, Denmark
- Ataç UZEL, Ege University, Türkiye
- Atalay SÖKMEN, Karadeniz Technical University, Türkiye
- Aykut ÜREN, Georgetown University, U.S.A.
- Ayten NALBANT ALDANMAZ, İzmir Institute of Technology, Türkiye
- Baki AKGÜL, University of Cologne, Germany
- Bektaş TEPE, Kilis 7 Aralık University, Türkiye
- Belma ASLIM, Gazi University, Türkiye
- Bülent GÜNDÜZ, Çanakkale Onsekiz Mart University, Türkiye
- Bülent KAYA, Akdeniz University, Türkiye
- Cevayir ÇOBAN, Tokyo University, Japan
- Claire REMACLE, Université de Liège, Belgium
- Devrim GÖZÜAÇIK, Sabancı University, Türkiye
- Dilek TELÇİ, Yeditepe University, Türkiye
- Dilek Turgut BALIK, Yıldız Technical University, Türkiye
- Ekrem GÜREL, Abant İzzet Baysal University, Türkiye
- Elif İlkay ARMUTAK, İstanbul University, Türkiye
- Elif Nur FIRAT KARALAR, Koç University, Türkiye
- Engin ULUKAYA, İstinye University, Türkiye
- Erdal BEDİR, İzmir Institute of Technology, Türkiye
- Esra ÇAĞAVI, İstanbul Medipol University, Türkiye
- Eşref DEMİR, Antalya Bilim University, Türkiye
- Fatih KOCABAŞ, Yeditepe University, Türkiye
- Feride SEVERCAN, Altınbaş University, Türkiye
- Fernao Castro BRAGA, Universidade Federal de Minas Gerais, Brazil
- Gizem DİNLER DOĞANAY, İstanbul Technical University, Türkiye
- Gökhan SADI, Karamanoğlu Mehmetbey University, Türkiye
- Hikmet GEÇKİL, İnönü University, Türkiye
- Holger STARK, Heinrich Heine Universität, Germany
- Inga Marijanovic URLIC, University of Zagreb, Croatia
- İbrahim Halil KAVAKLI, Koç University, Türkiye
- İhsan GÜRSEL, Bilkent University, Türkiye
- İsmail TÜRKAN, Ege University, Türkiye
- Jaswinder SINGH, McGill University, Canada
- Jose A PARIENTE, University of Extramadura, Spain
- Kemal GÜVEN, Dicle University, Türkiye
- Kemal KAZAN, CSIRO Plant Industry, Australia
- Ken J. ISHII, Tokyo University, Japan
- Konstantinos DIMAS, University of Thessaly, Greece
- Leyla AÇIK, Gazi University, Türkiye
- Lixin ZHU, State University of New York at Buffalo, U.S.A.
- Margaret BUCKINGHAM, Pasteur Institute, France
- Mario De TULLIO, University of Bari, Italy
- Mehmet Burçin MUTLU, Eskişehir Technical University, Türkiye
- Mehmet Cengiz BALOĞLU, Kastamonu University, Türkiye
- Mehmet İNAN, Akdeniz University, Türkiye
- Mehmet TUZCU, Fırat University, Türkiye
- Mehmet Yakup ARICA, Gazi University, Türkiye
- Merih KIVANÇ, Anadolu University, Türkiye
- Mohammad Tahir WAHEED, Quaid-i-Azam University, Pakistan
- Muhsin KONUK, Üsküdar University, Türkiye
- Murat ELİBOL, Ege University, Türkiye
- Murat KASAP, Kocaeli University, Türkiye
- Murat KAYA, Aksaray University, Türkiye
- Murat ÖZMEN, İnönü University, Türkiye
- Musa KAVAS, Ondokuz Mayıs University, Türkiye
- Mustafa NAZIROĞLU, Süleyman Demirel University, Türkiye
- Nesrin ÖZÖREN, Boğaziçi University, Türkiye
- Ogün ADEBALI, Sabancı University, Türkiye
- Özgür ŞAHİN, Bilkent University, Türkiye
- Peter J. KENNELLY, Virginia Tech University, U.S.A.
- Ponnurengam Malliappan SIVAKUMAR, Sabancı University, Türkiye
- Rajendra MEHTA, Cancer Biology IIT Research Institute, U.S.A.
- Razan ALKHOURI, University of Buffalo, U.S.A.
- Ren XU, University of Kentucky, U.S.A.
- Sandeep Kumar VERMA, SAGE University, India
- Serdar DURDAĞI, Bahçeşehir University, Türkiye
- Shuyang YU, University of Iowa, U.S.A.
- Tatjana STANOJKOVIC, Institute for Oncology and Radiology of Serbia, Serbia
- Timuçin AVŞAR, Bahçeşehir University, Türkiye
- Umberto GALDERISI, Università della Campania Luigi Vanvitelli, Italy
- Uygur Halis TAZEBAY, Gebze Technical University, Türkiye
- Volkan SEYRANTEPE, İzmir Institute of Technology, Türkiye
- Yan LI, University of Pennsylvania, U.S.A.
- Yunus AKKOÇ, Koç University, Türkiye
- Yusuf BARAN, İzmir Institute of Technology, Türkiye
- Yusuf TUTAR, University of Health Sciences, Türkiye
- Zeynep Petek ÇAKAR, İstanbul Technical University, Türkiye

ABSTRACTED AND INDEXED

- Science Citation Index Expanded
- PubMed
- TRDizin

CONTENTS

TNFR1 signaling is positively regulated by Jak-2 and c-Src via tyrosine phosphorylation	1
Fatma Zehra HAPIL ZEVLİLER, Fatma Ece ÇOPUROĞLU, Mustafa Gökhan ERTOSUN, Ufuk MERT, Derya ÖZEŞ, Osman Nidai ÖZEŞ	
Prognostic gene biomarkers for c-Src inhibitor Si162 sensitivity in melanoma cells	13
Seyhan TÜRK, Ayşegül YILMAZ, Ümit Yavuz MALKAN, Gülberk UÇAR, Can TÜRK	
Expression patterns of m ⁶ A RNA methylation regulators under apoptotic conditions in various human cancer cell lines	24
Azime AKÇAÖZ ALASAR, Buket SAĞLAM, İpek ERDOĞAN VATANSEVER, Bünyamin AKGÜL	
Theranostic potential of a novel aptamer specifically targeting HER2 in breast cancer cells	35
Fulya KÜÇÜKCANKURT, Samet UÇAK, Nedret ALTIÖK	
CircRNA LDLR promotes proliferation and aerobic glycolysis of gastric cancer cells by targeting CHD1 with miR-449b-5p	46
FanYe ZENG, JunTao ZHAO, MengTing TONG, WenTing HE, Nan LI, YuXiang FAN, YanHua ZHU, LiPing ZHANG, HongLiang ZHANG	
Beneficial effects of a novel polyherbal formulation on the skeletal muscle antioxidant status, inflammation, and muscle-signaling proteins in exercised rats	59
Mehmet TUZCU, Oğuzhan ÖZDEMİR, Cemal ORHAN, Nurhan ŞAHİN, Abhijeet MORDE, Muralidhara PADIGARU, Prakash BHANUSE, Kazım ŞAHİN	
Effect of thymol on oxidative stress and reelin signaling pathway in Alzheimer's disease model	70
Barış BİTMEZ, Burcu ÇEVRELİ, Emel KAŞIKÇI	
Divergent proteomic profiles of opium poppy cultivars	80
Setenay AYKANAT, Mine TÜRKTAŞ	
