

Asst. Prof. İdil ÇETİN

Personal Information

Email: idil.cetin@istanbul.edu.tr

Web: <http://aves.istanbul.edu.tr/idil.cetin/>

Address: İstanbul Üniversitesi Fen Fakültesi Biyoloji Bölümü Genel Biyoloji Anabilim Dalı Vezneciler İSTANBUL

Education Information

Doctorate, İstanbul Üniversitesi, Institute of Graduate Studies In Sciences, Biyoloji/Radyobiyoloji, Turkey 2011 - 2016

Postgraduate, İstanbul Üniversitesi, Institute of Graduate Studies In Sciences, Biyoloji/Genel Biyoloji, Turkey 2009 - 2011

Undergraduate Double Major, İstanbul Üniversitesi, Faculty of Science, Moleküler Biyoloji ve Genetik Bölümü, Turkey 2007 - 2009

Undergraduate, İstanbul Üniversitesi, Faculty of Science, Department of Biology, Turkey 2005 - 2009

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Health&Medicine, I. Kök Hücre Sempozyumu, Marmara Üniversitesi, 2010

Other, Kariyer Günü, İ.Ü. Fen Fakültesi, 2008

Health&Medicine, Patoloji Stajı, İ.Ü. İstanbul Tıp Fakültesi, 2007

Health&Medicine, IV .Ulusal Moleküler Biyoloji ve Genetik Öğrenci Kış Okulu, İstanbul Üniversitesi, 2007

Dissertations

Doctorate, Üçlü Negatif Meme Kanseri Hücrelerine Abraxane ve LipoPlatin'in Etkileri, İstanbul University, Institute of Graduate Studies In Sciences, Biyoloji, 2016

Postgraduate, Kordon Kanından Elde Edilen Kök Hücrelerin Diferansiyasyonu, Moleküler ve Biyokimyasal Analizleri, İstanbul University, Institute of Graduate Studies In Sciences, Biyoloji/Genel Biyoloji, 2011

Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Internal Diseases , Oncology, Life Sciences, Molecular Biology and Genetics, Molecular Biology of Cancer, Cytogenetic, Natural Sciences

Academic Titles / Tasks

Assistant Professor, İstanbul University, Faculty Of Science, Department Of Biology, 2021 - Continues

Research Assistant PhD, İstanbul University, Faculty Of Science, Department Of Biology, 2016 - 2021

Research Assistant, İstanbul University, Faculty Of Science, Department Of Biology, 2012 - 2016

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

- I. **In vitro antiproliferative effect of four ball-type phthalocyanines linked by t-butylcatechol and high singlet oxygen production**
Canlıca M., Topçul M. R. , Çetin İ.
Journal Of Coordination Chemistry, vol.11, no.24, pp.3291-3305, 2020 (Journal Indexed in SCI Expanded)
- II. **Bioproduction, structure elucidation and in vitro antiproliferative effect of eumelanin pigment from *Streptomyces parvus* BSB49**
Bayram S., Dengiz C., Gerçek Y. C. , Cetin I., Topcul M.
ARCHIVES OF MICROBIOLOGY, vol.202, no.9, pp.2401-2409, 2020 (Journal Indexed in SCI)
- III. **Evaluation of the cytotoxic effect of Ly2109761 on HeLa cells using the xCELLigence RTCA system**
Cetin I., Topcul M. R.
ONCOLOGY LETTERS, vol.17, pp.683-687, 2019 (Journal Indexed in SCI)
- IV. **In vitro cytotoxic effect of PARP inhibitor alone and in combination with nab-paclitaxel on triple-negative and luminal A breast cancer cells**
Topcul M. R. , Cetin I., Turan S. O. , Ozar M. O. K.
ONCOLOGY REPORTS, vol.40, pp.527-535, 2018 (Journal Indexed in SCI)
- V. **In vitro antiproliferative effects of nab-paclitaxel with liposomal cisplatin on MDA-MB-231 and MCF-7 breast cancer cell lines**
Cetin I., Topcul M. R.
JOURNAL OF BUON, vol.22, pp.347-354, 2017 (Journal Indexed in SCI)
- VI. **In vitro cytotoxic effect of tyrosine kinase inhibitor sunitinib malate alone and in combination with hyperthermia on breast adenocarcinoma MCF-7 cells**
Topcul M. R. , Cetin I.
JOURNAL OF BUON, vol.21, no.3, pp.556-563, 2016 (Journal Indexed in SCI)
- VII. **Clinical significance of epithelial-mesenchymal transition and cancer stem cells**
Topcul M. R. , Cetin I.
JOURNAL OF BUON, vol.21, no.2, pp.312-319, 2016 (Journal Indexed in SCI)
- VIII. **Effects of metformin on cell kinetic parameters of MCF-7 breast cancer cells in vitro**
Topcul M. R. , ÇETİN İ.
Asian Pacific Journal of Cancer Prevention, vol.16, no.6, pp.2351-2354, 2015 (Journal Indexed in SCI Expanded)
- IX. **The Effect Of Hypobaric Conditions On The Apoptosis Signalling Pathways In Hela Cells**
ÖZCAN ARICAN F. G. , Khalilia W., Serbes U., AKMAN G., ÇETİN İ., ARICAN E.
ASIAN PACIFIC JOURNAL OF CANCER PREVENTION, vol.15, no.12, pp.20-28, 2014 (Journal Indexed in SSCI)
- X. **Triple Negative Breast Cancer**
Cetin I., Topcul M.
ASIAN PACIFIC JOURNAL OF CANCER PREVENTION, vol.15, no.6, pp.2427-2431, 2014 (Journal Indexed in SCI)
- XI. **Endpoint of Cancer Treatment: Targeted Therapies**
Topcul M. R. , Cetin I.
ASIAN PACIFIC JOURNAL OF CANCER PREVENTION, vol.15, no.11, pp.4395-4403, 2014 (Journal Indexed in SCI)
- XII. **The effects of anastrozole on the proliferation of FM3A cells**
Topcul M. R. , Cetin I., Ozar M. O. K.
JOURNAL OF BUON, vol.18, no.4, pp.874-878, 2013 (Journal Indexed in SCI)
- XIII. **Effects of Femara and Tamoxifen on Proliferation of FM3A Cells in Culture**
Topcul M. R. , Topçul F., Cetin İ.
ASIAN PACIFIC JOURNAL OF CANCER PREVENTION, vol.14, no.5, pp.2819-2822, 2013 (Journal Indexed in SCI)
- XIV. **Cancer stem cells in oncology**
Cetin I., Topcul M. R.
JOURNAL OF BUON, vol.17, no.4, pp.644-648, 2012 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Can mesenchymal stem cells be used to treat COVID-19-induced pneumonia? (Review)**
Çetin İ., Topçul M. R.
BIOMEDICAL REPORTS, vol.13, no.62, pp.1-6, 2020 (Journal Indexed in ESCI)
- II. **Antiproliferative Effects of Cetuximab on Triple Negative Breast Cancer Cell Line MDA-MB-231**
Çetin İ.
Cumhuriyet Science Journal, vol.41, no.3, pp.706-711, 2020 (National Refreed University Journal)
- III. **Anticancer activities and cell death mechanisms of 1H-indole-2,3-dione 3-[N-(4 sulfamoylphenyl)thiosemicarbazone] derivatives**
Cetin I., Elma P. E. , Topcull M. R. , Karali N. L.
ISTANBUL JOURNAL OF PHARMACY, vol.48, pp.63-67, 2018 (Journal Indexed in ESCI)
- IV. **Effects of Navelbine on Cell Proliferation of Hela Cell Culture**
Çetin İ., Kolusayın Ozar M. Ö. , Topçul M. R.
European International Journal of Science and Technology, vol.7, no.5, pp.18-28, 2018 (Refereed Journals of Other Institutions)
- V. **Investigation of Cytotoxic Effects of Some Novel Synthesized Iminothiazolidinone Derivatives on HeLa Cell Line (CCL2)**
Tuğcu F., TOPÇUL M. R. , ÇETİN İ., ÜNLÜ Y. S. , GERÇEK Y. C. , MORGİL H., ÇALIŞKAN M., ÖZ G.
IUFS JOURNAL OF BIOLOGY, vol.1, no.75, pp.15-33, 2016 (International Refereed University Journal)
- VI. **An Innovative Therapeutic Approach in Oncology: Hyperthermia**
TOPÇUL M. R. , ÇETİN İ.
European International Journal of Science and Technology, vol.2, pp.73-80, 2013 (Refereed Journals of Other Institutions)
- VII. **Nanotechnology in the field of clinical oncology Klinik onkoloji alanında nanoteknoloji**
TOPÇUL M. R. , ÇETİN İ.
Marmara Medical Journal, vol.26, no.1, 2013 (Journal Indexed in ESCI)
- VIII. **Synthesis and chemotherapeutic activities of 5-chloro-1H-indole-2,3-dione 3-thiosemicarbazones**
Ermüt G., KARALI N. L. , ÇETİN İ., TOPÇUL M. R. , Birteksoz S.
MARMARA PHARMACEUTICAL JOURNAL, vol.17, no.2, pp.147-154, 2013 (Journal Indexed in ESCI)

Books & Book Chapters

- I. **Stem Cells in Cell Therapy and Regenerative Medicine**
TOPÇUL M. R. , ÇETİN İ.
Omics International, Heathrow, 2018
- II. **Treatment of Colon Cancer**
TOPÇUL M. R. , ÇETİN İ.
in: Clinical Diagnosis and Therapy of Colorectal Cancer, Schneider R., Editor, Omics Electric Ebook Publishing, Foster City, pp.1-15, 2015
- III. **Latest Advances in Cancer Stem Cell Research; Treatment Options for Colorectal Cancer**
ÇETİN İ., TOPÇUL M. R.
in: Modern Technology Present and Future, Macha M.A., Editor, Omics Group Ebooks, Foster City, Usa., pp.1-13, 2015
- IV. **Breast Cancer**
TOPÇUL M. R. , ÇETİN İ.
in: Cancer: Disease of the age, El-Sharkawy A M, Editor, Omics Group Ebooks, Foster City, pp.1-20, 2015
- V. **Mutation Prevention**
TOPÇUL M. R. , ÇETİN İ.
in: Cancer Treatment Strategies, Ahmed M. Malki, Editor, Omics Group Ebooks, Foster City, pp.1-13, 2015

VI. The Biology of Cancer Metastasis

TOPÇUL M. R. , ÇETİN İ.

in: Cancer: Disease of the age, Ahmed M El-Sharkawy, Editor, Omics Group Ebooks, Foster City, pp.1-20, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **St. Thomas, del Nido ve Custodial Kardiyopleji Sıvıları'nın in vitro insan Akciğer Hücre Kültüründeki Etkilerinin Gerçek Zamanlı Olarak Değerlendirilmesi**
KARDUZ G., ÇETİN İ., TOPÇUL M. R. , ULUGÖL H., AKSU U., TORAMAN F.
25. Ulusal Göğüs Kalp Damar Anestezi Yoğun Bakım Kongresi, İstanbul, Turkey, 20 - 22 April 2019, vol.1, no.1, pp.1-3
- II. **Nab-Paklitaksel ve Parp İnhibitörünün Birlikte Kullanımının Rahim Ağzı Kanseri Hücreleri Üzerine In Vitro Etkilerinin Değerlendirilmesi**
TOPÇUL M. R. , ÇETİN İ.
Zeugma II. Uluslararası Multi Disipliner Çalışmalar Kongresi, Gaziantep, Turkey, 18 - 20 January 2019, vol.1, pp.11-15
- III. **In Vitro Antiproliferative Effects of Histone Deacetylases Inhibitor CI-994 on MCF-7 Breast Cancer Cell Line**
ÇETİN İ.
II. ULUSLARARASI MULTİDİSİPLİNER AKADEMİK ÇALIŞMALAR SEMPOZYUMU, İstanbul, Turkey, 16 - 17 November 2018, vol.1, pp.291-299
- IV. **In vitro Cytotoxic Effect of Metformin on Triple Negative Breast Cancer Cell Line MDA-MB-231**
ÇETİN İ.
International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), Ankara, Turkey, 26 - 20 April 2018, pp.45-51
- V. **Antiproliferative Activity of Hypobaric Conditions and Evaluation of Bcl-2 Gene Expression on HeLa Cells**
ÖZCAN F. G. , Khalilia W., Serbes U., AKMAN G., ÇETİN İ., ARICAN E.
VI. International Congress of Molecular Medicine, İstanbul, Turkey, 22 - 25 May 2017, pp.198
- VI. **COMPARISON OF THE EFFECTS OF ALBUMIN BOUND PACLITAXEL (Abi-007) ON TRIPLE NEGATIVE BREAST CANCER CELL LINE MDA-MB-231 AND LUMINAL A BREAST CANCER CELL LINE MCF-7**
ÇETİN İ., TOPÇUL M. R.
VI. International Congress of Molecular Medicine, İstanbul, Turkey, 22 - 25 May 2017, vol.2, no.1, pp.70
- VII. **In Vitro Antiproliferative Effects of LY2109761 on HeLa Cell Culture**
TOPÇUL M. R. , ÇETİN İ.
VI: International Congress of Molecular Medicine, İstanbul, Turkey, 22 May 2017 - 25 May 2018, vol.2, no.1, pp.114
- VIII. **Evaluation cytotoxic and genotoxic effects of some novel synthesized iminothiazolidinon derivatives on hela cell line (CCL2)**
Tuğcu T., ÇETİN İ., TOPÇUL M. R. , Ünlü Y. S. , GERÇEK Y. C. , ÖZ G.
4th International Meeting on Pharmacy & Pharmaceutical Sciences, İstanbul, Turkey, 18 - 21 September 2014, pp.178
- IX. **Antiproliferative and Apoptotic Answer of Amifostine against Gamma Radiation on HeLa Cell Culture**
ÖZCAN ARICAN F. G. , Dağdeviren Ö., Serbes U., ÇETİN İ.
9 th NCRI Cancer Conference, Liverpool, United Kingdom, 1 - 04 November 2013, no.9, pp.137-138
- X. **Synthesis and biological Evolution of 1H-indole-2,3-dione 3-(N-(4-sulfamoylphenyl)thiosemicarbazone)derivate as anticancer an antiviral agents.**
Karalı N., Kızılrımk M., ÇETİN İ., TOPÇUL M. R.
14th Tetrahedron Symposium, Viyana, Austria, 1 - 04 June 2013, pp.79
- XI. **Düşük Basınç (Hipobarik) Koşullarının Doku Kültüründe Anti-Proliferatif Ve Apoptotik Etkilerinin Moleküler Mekanizmalarının Araştırılması**

Other Publications

I. TÜBİTAK 2017 BİLİM OLİMPİYATLARI BİYOLOJİ SORULARI

Topçul M. R. , Çetin İ.
Other, pp.1-25, 2017

Supported Projects

Çetin İ., Topçul M. R. , Project Supported by Higher Education Institutions, Meme Kanseri Kök Hücre İnhibitörü ML 239'un Luminal A ve Triple Negatif Meme Kanseri Hücrelerinin Hücre Kinetiği Üzerine Etkileri, 2020 - 2021
TOPÇUL M. R. , ÇETİN İ., Project Supported by Higher Education Institutions, Hec1 İnhibitörü INH1in Meme Kanseri Hücre Hatları Üzerine Antiproliferatif ve Antimetastatik Etkilerinin Araştırılması, 2019 - 2021
TOPÇUL M. R. , ÇETİN İ., Project Supported by Higher Education Institutions, Mikrotubul Oluşum İnhibitörü MPC6827 Hydrochloride'in Serviks Karsinoması Kökenli HeLa Hücreleri Üzerine Etkilerinin Araştırılması, 2017 - 2018
ÇETİN İ., TOPÇUL M. R. , Project Supported by Higher Education Institutions, Anti-EGFR Monoklonal Antikor Cetuximab'ın Triple Negatif Meme Kanseri Hücre Hattı MDA-MB-231 Üzerine Etkilerinin Araştırılması, 2017 - 2018
ÇETİN İ., TOPÇUL M. R. , Project Supported by Higher Education Institutions, Endojen Kannabinoid Anandamide'in Luminal A Meme Kanseri Hücrelerine Etkilerinin Araştırılması, 2017 - 2018
TOPÇUL M. R. , ÇETİN İ., Güneydaş G., Project Supported by Higher Education Institutions, C4-1 Rahim Ağzı Kanseri Hücreleri Üzerine Abraxane'in Etkisinin Mitoz İndeksi Açısından Değerlendirilmesi, 2017 - 2017
TOPÇUL M. R. , TURAN S., ÇETİN İ., KOLUSAYIN OZAR M. Ö. , Project Supported by Higher Education Institutions, Parp İnhibitörlerinin Tek Başına ve Farklı Antiproliferatif Ajanlarla Birlikte Kanseri Hücreleri Üzerine Etkileri, 2014 - 2017
TOPÇUL M. R. , ÇETİN İ., Project Supported by Higher Education Institutions, Histon Deasetilaz İnhibitörü CI-994'ün Triple Negatif Meme Kanseri Hücreleri Üzerine Antiproliferatif Etkileri, 2015 - 2016
TOPÇUL M. R. , ÇETİN İ., Project Supported by Higher Education Institutions, LY2109761 TGF-Beta Reseptör İnhibitörünün HeLa Hücreleri Üzerine Antiproliferatif ve Antimetastatik Etkilerinin Gerçek Zamanlı Hücre Analiz Sistemi ile Değerlendirilmesi, 2014 - 2016
TOPÇUL M. R. , ÇETİN İ., Project Supported by Higher Education Institutions, Üçlü Negatif Meme Kanseri Hücrelerine Abraxane ve LipoPlatin'in Etkileri, 2013 - 2016

Patent

Çetin İ., IN(III)PC'nin Rahim Ağzı Kanseri Tedavisinde İlaç Etken Madde Olarak Kullanılabilirliği, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2019BBF031 , Initial Registration, 2019

Activities in Scientific Journals

International Journal of Pharmacological Sciences (IJPS), Publication Committee Member, 2013 - Continues
International Journal of Computational Biology , Informatics and Control (IJCBC), Publication Committee Member, 2013 - Continues
International Journal of Advances in Biology (IJAB), Publication Committee Member, 2013 - Continues
International Journal of Biomedical Engineering and Science (IJBES), Publication Committee Member, 2013 - Continues

Scientific Refereeing

Journal of Nuclear Medicine & Radiation Therapy, Other Indexed Journal, January 2017
Integrative Oncology, Other Indexed Journal, May 2016
Journal of Nuclear Medicine & Radiation Therapy, Other Indexed Journal, May 2016
Journal of Clinical Respiratory Diseases and Care, Other Indexed Journal, May 2016
Integrative Oncology, Other Indexed Journal, March 2016
Journal of Palliative Care & Medicine, Other Indexed Journal, February 2016
Journal of Nuclear Medicine & Radiation Therapy, Other Indexed Journal, February 2016
Integrative Oncology, Other Indexed Journal, January 2016
Journal of Nuclear Medicine & Radiation Therapy, Other Indexed Journal, November 2015
Gynecology & Obstetrics, Other Indexed Journal, November 2015
Gynecology & Obstetrics, Other Indexed Journal, November 2015
Integrative Oncology, Other Indexed Journal, November 2015
Gynecology & Obstetrics, Other Indexed Journal, November 2015
Integrative Oncology, Other Indexed Journal, October 2015
Journal of Nuclear Medicine & Radiation Therapy, Other Indexed Journal, October 2015
Journal of Medical Diagnostic Methods, Other Indexed Journal, October 2015
Gynecology & Obstetrics, Other Indexed Journal, October 2015
Psychology & Psychotherapy Journal, Other Indexed Journal, September 2015
Journal of Medical Diagnostic Methods, Other Indexed Journal, August 2015
Forensic Research, Other Indexed Journal, July 2015
Forensic Research, Other Indexed Journal, July 2015
Forensic Research, Other Indexed Journal, May 2015
Journal of Medical Diagnostic Methods, Other Indexed Journal, May 2015

Scientific Research / Working Group Memberships

Çocuk Üniversitesi, Istanbul University, Turkey, cocukuniversitesi@istanbul.edu.tr, 2010 - 2015

Edit Congress and Symposium Activities

21. Ulusal Biyoloji Kongresi, Attendee, İzmir, Turkey, 2012

Citations

Total Citations (WOS):82

h-index (WOS):4

Scholarships

TEV Yüksek Lisans Onur Ödülü, Foundation, 2012 - 2012

Doktora Bursu, Foundation, 2011 - 2012

Yüksek Lisans Bursu, Foundation, 2010 - 2011

Awards

