

Res. Asst. PhD İdil ÇETİN

Personal Information

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Post 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/Radyobioloji, Turkey 2011 - 2016

Post Graduate, 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

Under Graduate, 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

Post Graduate, 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

Research Assistant PhD, İstanbul Üniversitesi, Faculty of Science, Department of Biology, 2016 - Continues

Research Assistant, İstanbul Üniversitesi, Faculty of Science, Department of Biology, 2012 - 2016

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

- **Bioproduction, structure elucidation and in vitro antiproliferative effect of eumelanin pigment from *Streptomyces parvus* BSB49.**

Bayram S., Dengiz C., Gerçek Y., Cetin I., Topcul M.

Archives of microbiology, 2020 (Journal Indexed in SCI Expanded)

- **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)
- **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)
- **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)
- **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, pp.556-563, 2016 (Journal Indexed in SCI)
- **Clinical significance of epithelial-mesenchymal transition and cancer stem cells**
Topcul M. R. , Cetin I.
JOURNAL OF BUON, vol.21, pp.312-319, 2016 (Journal Indexed in SCI)
- **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, pp.2351-2354, 2015 (Journal Indexed in SCI Expanded)
- **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, pp.20-28, 2014 (Journal Indexed in SSC)
- **Endpoint of Cancer Treatment: Targeted Therapies**
Topcul M. R. , Cetin I.
ASIAN PACIFIC JOURNAL OF CANCER PREVENTION, vol.15, pp.4395-4403, 2014 (Journal Indexed in SCI)
- **Triple Negative Breast Cancer**
Cetin I., Topcul M.
ASIAN PACIFIC JOURNAL OF CANCER PREVENTION, vol.15, pp.2427-2431, 2014 (Journal Indexed in SCI)
- **The effects of anastrozole on the proliferation of FM3A cells**
Topcul M. R. , Cetin I., Ozar M. O. K.
JOURNAL OF BUON, vol.18, pp.874-878, 2013 (Journal Indexed in SCI)
- **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, pp.2819-2822, 2013 (Journal Indexed in SCI)
- **Cancer stem cells in oncology**
Cetin I., Topcul M. R.
JOURNAL OF BUON, vol.17, pp.644-648, 2012 (Journal Indexed in SCI)

Articles Published in Other Journals

- **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)
- **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, pp.18-28, 2018 (Refereed Journals of Other Institutions)
- **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, pp.15-33, 2016 (International Refereed University Journal)

- **An Innovative Therapeutic Approach in Oncology: Hyperthermia**
TOPÇUL M. R. , ÇETİN İ.
European International Journal of Science and Technology, vol.2, no.9, pp.73-80, 2013 (Refereed Journals of Other Institutions)
- **Synthesis and chemotherapeutic activities of 5-chloro-1H-indole-2,3-dione 3-thiosemicarbazones**
ERMUT G., KARALIN L. , ÇETİN İ., TOPÇUL M. R. , BİRTEKSÖZ TAN A. S.
MARMARA PHARMACEUTICAL JOURNAL, vol.17, pp.147-154, 2013 (National Refereed University Journal)
- **Nanotechnology in the field of clinical oncology Klinik onkoloji alanında nanoteknoloji**
TOPÇUL M. R. , ÇETİN İ.
Marmara Medical Journal, vol.26, 2013 (Journal Indexed in ESCI)

Book & Book Chapters

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

Refereed Congress / Symposium Publications in Proceedings

- **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
- **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
- **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

- **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

- **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

- **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

- **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

- **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

- **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

- **Synthesis and biological Evolution of 1H-indole-2,3-dione 3-(N-(4-sulfamoylphenyl)thiosemicarbazone)derivate as anticancer an antiviral agents.**

Karalı N., Kızıllırmak M., ÇETİN İ., TOPÇUL M. R.

14th Tetrahedron Symposium, Viyana, Austria, 1 - 04 Haziran 2013, pp.79

- **Düşük Basınç (Hipobarik) Koşullarının Doku Kültüründe Anti-Proliferatif Ve Apoptotik Etkilerinin Moleküler Mekanizmalarının Araştırılması**

ÖZCAN ARICAN F. G. , Khalilia W., Serbes U., AKMAN G., ÇETİN İ., ARICAN E.

21. Ulusal Biyoloji Kongresi, İzmir, Turkey, 3 - 07 September 2012, pp.1333

Supported Projects

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 - Continues

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, 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 Kanser 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, Initial Registration, 2019

Activities in Scientific Journals

International Journal of Computational Biology , Informatics and Control (JCBIC), Publication Committee Member, 2013 - Continues

International Journal of Pharmacological Sciences (IJPS), Publication Committee Member, 2013 - Continues

International Journal of Advances in Biology (IJAB), Publication Committee Member, 2013 - Continues

International Journal of Biomedical Engineering and Science (JBES), 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 Nuclear Medicine & Radiation Therapy, Other Indexed Journal, February 2016

Journal of Palliative Care & Medicine, Other Indexed Journal, February 2016

Integrative Oncology, Other Indexed Journal, January 2016

Integrative Oncology, Other Indexed Journal, November 2015

Gynecology & Obstetrics, Other Indexed Journal, November 2015

Gynecology & Obstetrics, Other Indexed Journal, November 2015

Journal of Nuclear Medicine & Radiation Therapy, 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

Invited Congress and Symposium Activities

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

Citations

Total Citations (WOS):59

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

ÇETİN İ., Başarılı Araştırmacı, İstanbul Üniversitesi, April 2015