

NİLÜFER İMİR

ASSOC. PROF.

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Address : Akdeniz Üniversitesi Eğitim fakültesi Matematik ve Fen Bilimleri Eğitimi Bölümü Biyoloji Eğitimi Anabilim dalı Kampüs Antalya

International Researcher IDs

ORCID: 0000-0002-5508-8666

Publons / Web Of Science ResearcherID: C-4875-2016

Yoksis Researcher ID: 122885

Learning Knowledge

Doctorate
1997 - 2004

Akdeniz University, Institute of Science, Biyoloji, Turkey

Postgraduate
1994 - 1997

Akdeniz University, Institute of Science, Biyoloji, Turkey

Undergraduate
1990 - 1994

Akdeniz University, Fen Edebiyat Fakültesi, Biyoloji, Turkey

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Other, FP7 Project Proposal Preparation and Submission & Project Management 2-day training programme, TÜBİTAK, 2013

Health&Medicine, Deney Hayvanları Bakım-Kullanım Sertifikası, Akdeniz Üniversitesi Hayvan Deneyleri Yerel Etik Kurulu, 2012

Dissertations

Doctorate, İnsan meme karsinomları ve jinekolojik tümörlerinde IRF-1, IRF-2 (Interferon Regulatory Factor-1,2) ve p53 ekspresyonlarının gösterilmesi. , Akdeniz University, Institute of Science, Biyoloji Bölümü Moleküler Biyoloji Anabilim Dalı, 2004

Postgraduate, İnterferon alfa'nın çeşitli lösemik hücreler üzerinde gösterdiği antitümör özelliğinin araştırılması. , Akdeniz University, Institute of Science, Biyoloji Bölümü Moleküler Biyoloji Anabilim Dalı, 1997

Academic Titles / Tasks

Assistant Professor

2018 - Continues

Akdeniz University, Faculty of Education, Mathematics and Science Education

Assistant Professor

2010 - 2018

Akdeniz University, Faculty of Education, Department of Secondary School Science and Mathematics Branch Education

Research Assistant

1995 - 2004

Akdeniz University, Faculty of Science, Department of Biology

Supported Projects

1. İMİR N., Türkkahraman F., Project Supported by Higher Education Institutions, NCIH1975 p53mutant ve A549 p53vahşi tip küçük hücreli dışı akciğer kanseri NSCLC hücrelerinde PRIMA1met ve Etoposide kombinasyonunun sitotoksik etkisinin araştırılması, 2019 - 2020
2. İMİR N., ŞİMŞEK E., AYDEMİR E., Koçak O., Project Supported by Higher Education Institutions, Over kanser hücrelerinde PRIMA1Met tedavisine yanıt olarak miRNA ekspresyon analizi, 2017 - 2019
3. ŞİMŞEK E., AYDEMİR E., İMİR N., Koçak O., Project Supported by Higher Education Institutions, P Maddesi fizyolojik fragmanları (SP 1-7 ve SP 9-11)'in MDA MB-231 İnsan meme kanseri hücre hattı ve HUVEC insan damar endotel hücre hattı üzerine anti-anjiyogenik etkilerinin in vitro araştırılması, 2017 - 2019
4. AYKURT C., KAPLAN Z., DENİZ İ. G., AYDEMİR E., İMİR N., Project Supported by Higher Education Institutions, Türkiye Su Sümbülleri'nin (Potamogetonaceae) Revizyonu, 2016 - 2018
5. SÜMBÜL H., ARPAÇ E., BURUNKAYA E., AKARSU M., Kesmez Ö., Gençer A., AYDEMİR E., FIŞKIN K., İMİR N., ŞİMŞEK E., et al, Project Supported by Higher Education Institutions, Fen Fakültesi Araştırma Laboratuvarı Projesi, 2014 - 2016
6. İMİR N., TUBİTAK Project, Sspe'de Th17-IL-17 Yolağı, 2009 - 2011
7. İMİR N., TUBİTAK Project, Kitin ve Kitinazın Allerjik Reaksiyondaki Rolü, 2005 - 2007
8. İMİR N., TUBİTAK Project, Subakut Sklerozan Panensefalitiste Düzenleyici T Hücreleri, 2005 - 2007
9. İMİR N., TUBİTAK Project, Meme,Serviks,Over ve Endometrium Karsinomlarında IRF-1'in Ekspresyonlarının Gösterilmesi, 2002 - 2003

Jury Memberships

Doctoral Examination, Doctoral Examination, Akdeniz Üniversitesi, December, 2021

Doctoral Examination, Doctoral Examination, Akdeniz Üniversitesi, December, 2018

Post Graduate, Post Graduate, Akdeniz Üniversitesi, January, 2015

Competition, "O Benim Eserim" Proje Yarışması , TÜBİTAK, April, 2012

Post Graduate, Post Graduate, Akdeniz Üniversitesi, January, 2012

Competition, 13. Bilim-Kültür-Sanat Şenliği ve Proje Yarışması, Antalya Koleji, October, 2011

Competition, "O Benim Eserim" Proje Yarışması, TÜBİTAK, April, 2011

Published journal articles indexed by SCI, SSCI, and AHCI

1. **The Anti-angiogenic and Anti-microbial Effect of Diosmin: Potential Receptor Interactions via Molecular Docking**

ŞİMŞEK E., Koçak O., YILDIRIM K., Kuruoğlu A., Taşkın N. D., Bozkurt S., İMİR N., Atas C., Akçit E. T., ÇOBAN M., et al.

- Revista Brasileira de Farmacognosia, vol.33, no.2, pp.422-431, 2023 (SCI-Expanded)
2. **Taxonomic treatment and phylogenetic analysis of the family Potamogetonaceae in Turkey**
Aykurt C., Fehrer J., Sarı Yol D., Kaplan Z., Bambasova V., Deniz İ. G., Aydemir E., İmir N.
TAXON, vol.69, no.6, pp.1172-1190, 2020 (SCI-Expanded)
 3. **MicroRNA-29a plays a prominent role in PRIMA-1(Met)-induced apoptosis in ovarian cancer cells**
İMİR N.
ARCHIVES OF BIOLOGICAL SCIENCES, vol.72, no.2, pp.173-179, 2020 (SCI-Expanded)
 4. **Mechanism of the anti-angiogenic effect of Avemar on tumor cells**
İMİR N., AYDEMİR E., ŞİMŞEK E.
ONCOLOGY LETTERS, vol.15, no.2, pp.2673-2678, 2018 (SCI-Expanded)
 5. **Hybridization between the linear-leaved Potamogeton species in Turkey**
AYKURT C., FEHRER J., SARI YOL D., KAPLAN Z., DENİZ İ. G., AYDEMİR E., İMİR N.
AQUATIC BOTANY, vol.141, pp.22-28, 2017 (SCI-Expanded)
 6. **Caspase-mediated Apoptotic Effects of Ebenus boissieri Barbey Extracts on Human Cervical Cancer Cell Line HeLa**
ŞİMŞEK E., İMİR N., AYDEMİR E., GÖKTÜRK R. S., YESİLADA E., FIŞKIN K.
PHARMACOGNOSY MAGAZINE, vol.13, no.50, pp.254-259, 2017 (SCI-Expanded)
 7. **Cytotoxic and immunomodulatory effects of Ebenus boissieri Barbey on breast cancer cells**
İMİR N., AYDEMİR E., ŞİMŞEK E., GÖKTÜRK R. S., YESİLADA E., FIŞKIN K.
GENETICS AND MOLECULAR RESEARCH, vol.15, no.1, 2016 (SCI-Expanded)
 8. **Dimethyl sulfoxide-caused changes in pro- and anti-angiogenic factor levels could contribute to an anti-angiogenic response in HeLa cells**
ŞİMŞEK E., AYDEMİR E. A., İMİR N., KOÇAK O., KURUOĞLU A., FIŞKIN K.
NEUROPEPTIDES, vol.53, pp.37-43, 2015 (SCI-Expanded)
 9. **Cytotoxic and apoptotic effects of Ebenus boissieri Barbey on human lung cancer cell line A549**
AYDEMİR E., ŞİMŞEK E., İMİR N., GÖKTÜRK R. S., YESİLADA E., FIŞKIN K.
PHARMACOGNOSY MAGAZINE, vol.11, no.42, 2015 (SCI-Expanded)
 10. **The role of interferon regulatory factors, especially IRF-1 and IRF-2, in the regulation of oncogenesis**
İMİR N.
INTERNATIONAL JOURNAL OF MOLECULAR MEDICINE, vol.36, 2015 (SCI-Expanded)
 11. **Effects of Vitamin D Receptor Gene Polymorphisms on Susceptibility to Disease and Bone Mineral Density in Turkish Patients with Type 1 Diabetes Mellitus**
KOCABAŞ A., KARAGÜZEL G., İMİR N., YAVUZER U., AKÇÜRİN S.
JOURNAL OF PEDIATRIC ENDOCRINOLOGY & METABOLISM, vol.23, no.12, pp.1289-1297, 2010 (SCI-Expanded)
 12. **Lack of BCL-2 confers interferon-alpha sensitivity to B-cell lymphomas**
KARAUZUM S. B., YAŞAR D., DIRICE E., İMİR N., LÜLECI G., OZES O. N.
GROWTH FACTORS, vol.25, no.2, pp.94-100, 2007 (SCI-Expanded)

Articles Published in Other Journals

1. **Anticancer and antimicrobial activities of diosmin**
Kilit A. C., Kose O., İmi N., Aydemir E.
GENETICS AND MOLECULAR RESEARCH, vol.20, no.1, 2021 (ESCI)
2. **OVER KANSERİ HÜCRELERİNDE PRİMA-1 Met TEDAVİSİNE YANIT OLARAK DEĞİŞEN miRNA EKSPRESYON ANALİZİ**
İMİR N., AYDEMİR E., ŞİMŞEK E.
Sağlık Bilimleri (Journal of Health Science), vol.29, no.1, pp.19-25, 2020 (Peer-Reviewed Journal)
3. **Avemar HT29 Kolon Kanseri Hücrelerindeki Anti-Anjiyojenik Etkisini Cox-2 ve VEGF Ekspresyonlarını İnhibe Ederek Gösterir**

İMİR N.

Sağlık Bilimleri Dergisi (Journal of Health Sciences), vol.26, no.1, pp.39-46, 2017 (Peer-Reviewed Journal)

4. **IFN- γ -Mediated Transcriptional Induction of the IDO (Indolamine 2,3-Dioxygenase) Gene Requires Activity of p68/PKR Protein Kinase**
İMİR N., Nasırcılar A. G., Akça H., Gelen T., Ögüş M., Karaveli Ş., ÖZEŞ O. N.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.32, pp.195-199, 2002 (Scopus)
5. **İmmün Modülatör ve Tümör Supressör Olarak IRF-1**
İMİR N., FIŞKIN K., ÖZEŞ O. N.
TÜRK HEMATOLOJİ ONKOLOJİ DERGİSİ, vol.12, no.2, pp.107-113, 2002 (Peer-Reviewed Journal)
6. **Investigation on Antiproliferative Effects of Interferon- γ , 5-Fluorouracil and Hydroxurea on Human Burkitt Lymphoma and erythroblastic Leukemia Cell Lines**
İMİR N., ÖZEŞ O. N.
TURKISH JOURNAL OF CANCER, vol.32, no.2, pp.12-19, 2002 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

1. **P53 reaktivasyonunu sağlayan küçük moleküller: Prima-1 ve Prima-1Met**
İMİR N.
2nd International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 28 - 29 June 2019
2. **Cytotoxic effect of Caspaicin on human cervical cancer cell line**
ŞİMŞEK E., AYDEMİR E., İMİR N.
9th CMAPSEEC Conference on Medicinal and Aromatic plants of Southeast European countries, Plovdiv, Bulgaria, 26 - 29 May 2016
3. **Transcriptional Regulation of Gossypol induced p21 expression via IRF 1 in human breast cancer cells**
İMİR N., AYDEMİR E., ŞİMŞEK E.
9th CMAPSEEC Conference on Medicinal and Aromatic Plants of Southeast European Countries, Plovdiv, Bulgaria, 26 - 29 May 2016, pp.125
4. **Apoptotic effects of diosmin**
AYDEMİR E., ŞİMŞEK E., İMİR N.
9th CMAPSEEC, Plovdiv, Bulgaria, 26 - 29 May 2016, pp.20
5. **The role of interferon regulatory factors especially IRF 1 and IRF 2 in the regulation of oncogenesis**
İMİR N.
20th World Congress on Advances in Oncology and 18th International Symposium on Molecular Medicine, Atina, Greece, 8 - 10 October 2015, vol.36, pp.66
6. **Ebenus boissieri Ekstraktının HeLa Hücreleri Üzerine Sitotoksik Etkileri**
ŞİMŞEK E., İMİR N., AYDEMİR E., Koçak O., GÖKTÜRK R. S., Yeşilada E., FIŞKIN K.
22. Ulusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014, pp.1278
7. **Meme Kanseri Hücreleri Üzerinde Ebenus boissierii Ekstraktlarının Sitotoksik ve İmmünomodülatör Etkileri**
İMİR N., ŞİMŞEK E., AYDEMİR E., Kuruoğlu A., Yeşilada E., FIŞKIN K., GÖKTÜRK R. S.
22. Ulusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014, pp.1306
8. **Ebenus boissieri Barbey ekstraktının A549 hücrelerindeki sitotoksik ve apoptotik etkileri**
AYDEMİR E., ŞİMŞEK E., İMİR N., Önel B., GÖKTÜRK R. S., Yeşilada E., FIŞKIN K.
22. Ulusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014, pp.1252
9. **Spondin ve Enfeksiyon İlişkisi**
Kocacık D. F., İMİR N., Çiçek Ekinci N., Coşkun M., Mutlu D., Yavuzer U., Yeğin O.
20. Ulusal İmmünoloji Kongresi, Girne, Cyprus (Kktc), 19 - 22 November 2009, pp.2
10. **Spondin'in İnsandaki İmmünolojik İşlevi Konusunda Bir Ön Çalışma**
İMİR N., Mutlu D., Köksoy S., Kocacık D. F., Filiz S., Yavuzer U., Yeğin O.

- XVI. Ulusal Allerji ve Klinik İmmunoloji Kongresi, Antalya, Turkey, 1 - 04 November 2009, pp.169
11. **No association of TIM-3 gene polymorphisms with asthma: A case control study**
Çiçek Ekinci N., İMİR N., Çelmeli F., Kocacık D. F., Yavuzer U., Yeğın O.
2nd Mediterranean Clinical Immunology Meeting, Turkey, 1 - 04 October 2008, pp.63
 12. **AMCase is Expressed in the skin**
Kocacık D. F., İMİR N., Yavuzer U., Yeğın O.
2nd Mediterranean Clinical Immunology Meeting, Turkey, 1 - 04 October 2008, pp.66
 13. **The role of TBX1 mutation in Del22q11.2 syndrome phenotype**
MIHÇI E., İMİR N., TAÇOY Ş., BERKER-KARAÜZÜM S., KARDELEN F., YEĞİN O., YAVUZER U.
15 th ANNUAL CLINICALGENETICS MEETING 2008, Phoenix, United States Of America, 12 - 16 March 2008, pp.269
 14. **BCL-2 function in hairy cell leukaemia cell lines resistant and sensitive against IFN-alpha**
Karauzum S. B., Yasar D., Dirice E., İMİR N., Undar L., Luleci G.
31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Turkey, 24 - 29 June 2006, vol.273, pp.125
 15. **22q11.2 delesyon sendromu fenotipinin oluşmasında TBX1 mutasyonunun rolü**
MIHÇI E., İMİR N., TAÇOY Ş., BERKER-KARAÜZÜM S., KARDELEN F., YEĞİN O., YAVUZER U.
42. Türk Pediatri Kongresi, Antalya, Turkey, 15 - 20 May 2006, pp.506
 16. **IFN-? (İnterferon Alfa)'ya Duyarlı ve Duyarsız Olan Saçlı Hücre Lösemisi (Hairy Cell Leukemia) Hücrelerinde Bcl-2'nin Fonksiyonunun Araştırılması**
Berker Karaüzüm S., İMİR N., Dirice E., Yaşar D., Ündar L., Lüleci G., ÖZEŞ O. N.
XV. Ulusal Kanser Kongresi, Antalya, Turkey, 1 - 04 April 2003
 17. **İnsan Meme Karsinomlarında IRF-1 ve IRF-2 Ekspresyonları**
İMİR N., FIŞKIN K.
16. Ulusal Biyoloji Kongresi, Malatya, Turkey, 1 - 04 September 2002, pp.233
 18. **p68 kinaz enziminin tümör baskılayıcı rolü**
Akça H., ÖZEŞ O. N., NASIRCILAR A. G., İMİR N., Karaüzüm S., GELEN M. T., Ögüş M., KARAVELİ F. Ş.
13. Ulusal Kanser Kongresi, Antalya, Turkey, 27 April - 01 May 1999, pp.230
 19. **İnterferon alfanın 5-FU ve hidrokşiüre ile kombinasyonlarının lösemik hücreler üzerine etkisi**
İMİR N., ÖZEŞ O. N.
12. Ulusal Kanser Kongresi, Antalya, Turkey, 1 - 04 April 1997, pp.281

Other Publications

1. **BCL-2 function in hairy cell leukaemia cell lines resistant and sensitive against IFN-alpha**
Berker Karaüzüm S., Yaşar D., Dirice E., İMİR N., Ündar L., Lüleci G.
Presentation, pp.125, 2006

Academic and Administrative Experience

2016 - 2019	Head of Department	Akdeniz University, Faculty Of Education, Department of Secondary School Science and Mathemaics Branch Education
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Courses

- MİKRORNALARIN ETKİ MEKANİZMALARI, Doctorate, 2020 - 2021, 2017 - 2018
- MİKRORNALAR VE KANSER, Doctorate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
- ÖĞRETMENLİK UYGULAMASI II, Undergraduate, 2018 - 2019, 2016 - 2017
- UYGULAMALI PROTEİN ARAŞTIRMA YÖNTEMLERİ, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014,

2012 - 2013

UYGULAMALI NÜKLEİKASİT ARAŞTIRMA YÖNTEMLERİ, Postgraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

FEN ÖĞRETİMİ LABORATUVAR UYGULAMALARI 2, Undergraduate, 2016 - 2017

DANIŞMANLIK, Postgraduate, 2017 - 2018, 2016 - 2017

OKUL DENEYİMİ, Undergraduate, 2017 - 2018, 2011 - 2012

UZMANLIK ALAN DERSİ, Postgraduate, 2017 - 2018

FEN ÖĞRETİMİ LABORATUVAR UYGULAMALARI 2, Undergraduate, 2016 - 2017

GENEL BİYOLOJİ 2 LABORATUVARI, Undergraduate, 2012 - 2013, 2011 - 2012

GENEL BİYOLOJİ LABORATUVARI 1, Undergraduate, 2012 - 2013

Advising Theses

İmir N., NCI-H1975 (p53-Mutant) ve A549 (p53-Vahşi Tip) küçük hücreli dışı akciğer kanseri (NSCLC) hücrelerinde, PRİMA-1met ve etoposide kombinasyonunun sitotoksik etkisinin araştırılması, Postgraduate, F.T.(Student), 2020

Activities in Scientific Journals

American Journal of Laboratory Medicine , Committee Member, 2017 - Continues

Memberships / Tasks in Scientific Organizations

European Association of Cancer Research, Member, 2013 - Continues

Moleküler Kanser Araştırma Derneği, Member, 2013 - Continues

Scientific Refereeing

TUBİTAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, TÜBİTAK, Turkey, May 2021

Project Supported by Higher Education Institutions, BAP MSc, Akdeniz University, Turkey, December 2020

Project Supported by Higher Education Institutions, BAP Research Project, Akdeniz University, Turkey, December 2020

EXPERIMENTAL AND THERAPEUTIC MEDICINE, Journal Indexed in SCI-E, November 2020

EUROPEAN JOURNAL OF GYNAECOLOGICAL ONCOLOGY, Journal Indexed in SCI-E, January 2020

Project Supported by Higher Education Institutions, BAP MSc, Akdeniz University, Turkey, December 2019

MOLECULAR MEDICINE REPORTS, Journal Indexed in SCI-E, October 2019

Project Supported by Higher Education Institutions, BAP MSc, Akdeniz University, Turkey, September 2019

ONCOLOGY LETTERS, Journal Indexed in SCI-E, June 2019

ONCOLOGY LETTERS, Journal Indexed in SCI-E, June 2019

ONCOLOGY LETTERS, Journal Indexed in SCI-E, April 2019

ONCOLOGY REPORTS, Journal Indexed in SCI-E, January 2019

ONCOLOGY LETTERS, Journal Indexed in SCI-E, January 2019

ONCOLOGY LETTERS, Journal Indexed in SCI-E, January 2019

ONCOLOGY LETTERS, Journal Indexed in SCI-E, August 2018

Molecular and clinical Oncology , Journal Indexed in ESCI, August 2018

EXPERIMENTAL AND THERAPEUTIC MEDICINE, Journal Indexed in SCI-E, March 2018

ONCOLOGY REPORTS, Journal Indexed in SCI-E, February 2018

MOLECULAR MEDICINE REPORTS, Journal Indexed in SCI-E, February 2018

ONCOLOGY REPORTS, Journal Indexed in SCI-E, January 2018

EXPERIMENTAL AND THERAPEUTIC MEDICINE, Journal Indexed in SCI-E, January 2018
EXPERIMENTAL AND THERAPEUTIC MEDICINE, Journal Indexed in SCI-E, November 2017
INTERNATIONAL JOURNAL OF ONCOLOGY, Journal Indexed in SCI-E, November 2017
American journal of Laboratory Medicine , Other Indexed Journal, September 2017
INTERNATIONAL JOURNAL OF ONCOLOGY, Journal Indexed in SCI-E, September 2017
American journal of Laboratory Medicine , Other Indexed Journal, August 2017
American Journal of Pulmonary and Respiratory Medicine, Other journals, March 2017
Project Supported by Higher Education Institutions, August 2015
Turkish Journal of Agriculture and Forestry, SCI Journal, January 2015
Turkish Journal of Medical Sciences, SCI Journal, December 2014
European Journal of Science and Mathematics Education , Other Indexed Journal, September 2013
Project Supported by Higher Education Institutions, September 2013

Metrics

Publication: 38
Citation (WoS): 58
Citation (Scopus): 66
H-Index (WoS): 5
H-Index (Scopus): 5

Congress and Symposium Activities

2nd. International Eurasian Conference on Biological and Chemical Science, Attendee, Ankara, Turkey, 2019
20st World Congress on Advances in Oncology and 18th International Symposium on Molecular Medicine, Attendee, Athina, Greece, 2015
IV. Multidisipliner Kanser Arařtırma Kongresi, Attendee, Bursa, Turkey, 2012
31st .FEBS Congress, Attendee, İstanbul, Turkey, 2006
T. pediatri Kongresi, Attendee, Antalya, Turkey, 2006
XV.Ulusal Kanser Kongresi, Attendee, Antalya, Turkey, 2003
16. Ulusal Biyoloji Kongresi, Attendee, Malatya, Turkey, 2002
XIII. Ulusal Kanser Kongresi, Attendee, Antalya, Turkey, 1999
XII. Ulusal Kanser Kongresi, Attendee, Antalya, Turkey, 1997

Research Areas

Life Sciences, Molecular Biology and Genetics, Molecular Biology of Cancer, Natural Sciences