

Curriculum Vitae

1. **Name Surname:** Ahu SOYOCAK

2. **Date of Birth:** 04.01.1982

3. **Title:** Associate Prof. Dr.

4. **Education:**

Degree	Field	University	Year
Bachelor	Department of Biology, Faculty of Arts and Sciences	Eskisehir Osmangazi University	2001-2005
Master	Department of Medical Biology, Institute of Health Sciences	Eskisehir Osmangazi University	2005-2008
Doctorate	Department of Medical Biology, Institute of Health Sciences	Eskisehir Osmangazi University	2008-2014

5. **Academic Titles**

Title	Department	University	Year/Period
Assistant Professor	Department of Medical Biology, Faculty of Medicine	Istanbul Aydin University	2016-2022
Associate Professor	Department of Medical Biology, Faculty of Medicine	Istanbul Aydin University	2022-
Professor			

6. **Graduate Theses Supervised**

6.1 Master Theses

Kübra Yiğitbaşı Karadeniz, 'The Effect of TAS1R2 Taste Receptor Polymorphism on Food Choice and Carbohydrate Intake in Adults' March 2021, Co-advisor

Süleyman İnce, Investigation of the relationship between P2X7 gene polymorphisms and atherosclerosis disease, continues

7. Publications

7.1. Articles published in peer reviewed international journals (SCI, SSCI Arts and Humanities)

1. Baysal A, **Soyocak A**, Saygin H, Saridag A.M. Exposure to phagolysosomal simulated fluid altered the cytotoxicity of PET micro (nano) plastics to human lung epithelial cells. *Toxicology Mechanisms and Methods*, 34(1):72-97, 2024. doi.org/10.1080/15376516.2023.2256847.
2. Saygin H, **Soyocak A**, Baysal A, Saridag A.M. Characterizing the interaction between micro (nano) plastics and simulated body fluids and their impact on human lung epithelial cells. *Journal of Environmental Science and Health, Part A*, 58(10):855-868, 2023. doi.org/10.1080/10934529.2023.2243190.
3. **Soyocak A**, Doganer F, Duzgun Ergun D, Budak M, Turgut Cosan D, Ozgen M. Evaluation of Relationship Between SOD1 50-bp Deletion Gene Polymorphism, Cu, Zn Level, and Viscosity in Postmenopausal Osteoporosis Patients with Vertebral Fractures. *Biological Trace Element Research*, 201:603-610, 2023. doi: 10.1007/s12011-022-03185-8.
4. Düzgün Ergün D, Doğaner F, Koç G, **Soyocak A**, Pastacı Özsoğacı N, Ergün S. The relationship of 50 bp deletion in the promoter region of SOD1 gene with viscosity and trace elements in chronic gastritis with Helicobacter Pylori: A case study. *Journal of Trace Elements in Medicine and Biology*, 73, 2022. doi: 10.1016/j.jtemb.2022.127039.
5. **Soyocak A**, Duzgun Ergun D. Selenium increases cell proliferation after citrate treatment on L929 fibroblast cell line. *Trace Elements and Electrolytes*, 39:64-70, 2022. doi: 10.5414/TE500023.
6. Onem E, **Soyocak A**, Muhammed MT, Ak A. In Vitro and in Silico Assessment of the Potential of Niaouli Essential Oil as a Quorum Sensing Inhibitor of Biofilm Formation and its Effects on Fibroblast Cell Viability. *Brazilian Archives of Biology and Technology*, 64:e21200782, 2021. doi.org/10.1590/1678-4324-2021200782
7. Koc G, **Soyocak A**, Duzgun Ergun D, Pastaci Ozsoğacı N, Andac-Ozturk S, Ergun S. Association of TRPM5 Asn235Ser Polymorphism and Trace Elements/Minerals in Chronic Gastritis Patients: a Case-Control Study. *Biological Trace Element Research*, 200(2):535-542, 2021. doi: 10.1007/s12011-021-03002-8

8. Koc G, **Soyocak A**, Andac-Ozturk S. TAS1R2 rs35874116 and TRPM5 rs886277 polymorphisms are not related with risk of obesity. *International Journal of Clinical Practice*, 75(9):e14562, 2021. doi: 10.1111/ijcp.14562
9. Andac-Ozturk, S, Koc G, **Soyocak A**. Association of aryl hydrocarbon receptor (AhR) serum level and gene rs10247158 polymorphism with anthropometric, biochemical parameters and food consumption in overweight/obese patients. *International Journal of Clinical Practice*, 75(9):e14436, 2021. doi: 10.1111/ijcp.14436
10. **Soyocak A**, Duzgun Ergun D, Koc G, Ergun S, Pastaci Ozsobaci N. Investigation of Aryl Hydrocarbon Receptor, Zinc, and Vitamin B12 Levels in Chronic Gastritis with *Helicobacter pylori* Infection. *Biological Trace Element Research*, 199(7):2431-2437, 2021. doi: 10.1007/s12011-021-02667-5.
11. Koc G, **Soyocak A**, Alis H, Kankaya B, Kanigur G. Changes in VGF and C3aR1 gene expression in human adipose tissue in obesity. *Molecular Biology Reports*, 48(1):251-257, 2021. doi: 10.1007/s11033-020-06043-9.
12. **Soyocak A**, Özgen M, Turgut Coşan D, Kurt H, Doğaner F, Armağan O, Değirmenci İ, Şahin Mutlu F. Genetic Variation in NOD1/CARD4 and NOD2/CARD15 Immune Sensors and Risk of Osteoporosis. *Bioscience Reports*, 40(7):1-7, 2020. doi.org/10.1042/BSR20192313
13. Cosan DT, **Soyocak A**, and Oner C. Inhibition of voltage gated potassium channels affect expressions of miR-126 and miR-126* in breast cancer cell lines. *Bratislava Medical Journal-Bratislavske Lekarske Listy*, 121(2):111-116, 2020. doi: 10.4149/BLL_2020_014
14. **Soyocak A**, Kurt H, Cosan DT, Saydam F, Calis IU, Kolac UK, Koroglu ZO, Degirmenci I, Mutlu FS, Gunes HV. Tannic acid exhibits anti-inflammatory effects on formalin-induced paw edema model of inflammation in rats. *Human and experimental toxicology*, 38(11):1296-1301, 2019. doi: 10.1177/0960327119864154
15. Ozgen M, Cosan DT, Doganer F, **Soyocak A**, Armagan O, Kuzgun S, Aydogan AM, Gunes HV, Degirmenci I, Mutlu, F. Is there any association between osteoporotic vertebral fracture and vitamin K epoxide reductase complex subunit-1

polymorphism in Turkish society? A pilot study. *Clinics*, 74:e739, 2019. doi: 10.6061/clinics/2019/e739

16. **Soyocak A**, Kurt H, Ozgen M, Cosan DT, Colak E, Gunes HV. miRNA-146a, miRNA-155 and JNK expression levels in peripheral blood mononuclear cells according to grade of knee osteoarthritis. *Gene*, pii: S0378-1119(17)30477-8, 2017. doi: 10.1016/j.gene.2017.06.027
17. Turgut Cosan D, Yazıcı HU, Colak E, **Soyocak A**, Degirmenci I, Kurt H, Birdane A, Colak E, Gunes HV. Susceptiveness of Vitamin K epoOxide Reductase Complex Subunit 1 Gene Polymorphism in Essential Hypertension. *Genet Test Mol Biomarkers*, 21(5):292-297, 2017. doi: 10.1089/gtmb.2016.0311
18. Çalış İU, Turgut Coşan D, Saydam F, Kolaç UK, **Soyocak A**, Kurt H, Güneş HV, Şahintürk V, Şahin Mutlu F, Özdemir Köroğlu Z, Değirmenci I. The effects of monosodium glutamate and tannic acid on adult rats. *Iranian Red Crescent Medical Journal*, 18(10):1-7, 2016. doi: 10.5812/ircmj.37912
19. Turgut Coşan D, Saydam F, Özbayer C, Doğaner F, **Soyocak A**, Güneş HV, Değirmenci I, Kurt H, Üstüner MC, Bal C. Impact of tannic acid on blood pressure, oxidative stress and urinary parameters in LNNA-induced hypertensive rats. *Cytotechnology*, 67(1):97–105, 2015. doi: 10.1007/s10616-013-9661-4
20. Ozgen M, Turgut Cosan D, Doganer F, **Soyocak A**, Armagan O, Gunes HV, Degirmenci I, Ogutler Ozkara G, Sahin Mutlu F. Relationship between plasminogen activator inhibitor type-1 (PAI-1) gene polymorphisms and osteoporosis in Turkish women. *Clinics*, 67(11):1299-1302, 2012. doi: 10.6061/clinics/2012(11)13
21. Sakrak T, Köse AA, Kivanç O, Ozer MC, Coşan DT, **Soyocak A**, Karabağlı Y, Cetin C. The effects of combined application of autogenous fibroblast cell culture and full-tissue skin graft (FTSG) on wound healing and contraction in full-thickness tissue defects. *Burns*, 38(2):225–31, 2012. doi: 10.1016/j.burns.2011.08.015
22. Cosan DT, **Soyocak A**, Basaran A, Degirmenci I, Gunes HV, Sahin FM. Effects of various agents on DNA fragmentation and telomerase enzyme activities in adenocarcinoma cell lines. *Molecular Biology Reports*, 38(4):2463–9, 2011. doi: 10.1007/s11033-010-0382-x

23. Cosan DT, Bayram B, **Soyocak A**, Basaran A, Gunes HV, Degirmenci I, Musmul A. Role of phenolic compounds in nitric oxide synthase activity in colon and breast adenocarcinoma. *Cancer Biotherapy&Radiopharmaceuticals*, 25(5):577–580, 2010. doi: 10.1089/cbr.2010.0799
24. Cosan D, **Soyocak A**, Basaran A, Degirmenci I, Gunes HV. The effects of resveratrol and tannic acid on apoptosis in colon adenocarcinoma cell line. *Saudi Medical Journal*, 30(2):191–195, 2009.

7.2. Articles published in other peer reviewed international journals

1. Koç G, **Soyocak A**, Kaya Z, Kankaya B, Alış H. The Association Between Arg72Pro C> G Polymorphism in the p53 Gene and the Risk of Obesity. *Istanbul Medical Journal*, 23(1):55-9, 2022. doi:10.4274/imj.galenos.2022.64624
2. Cosan DT, Ak G, Çolak E, Dal A, Öner Ç, **Soyocak A**, Çolak E, Gunes HV, Metintaş, M. Evaluation of paraoxonase-1 enzyme activity and oxidative stress relations in malignant mesothelioma cases. *Eurasian Journal of Pulmonology*, 22(3):153-157, 2020. doi: 10.4103/ejop.ejop_78_19
3. **Soyocak A**, Turgut Cosan D, Basaran A, Gunes HV, Degirmenci I, Sahin Mutlu F. Induction of apoptosis in human breast adenocarcinoma MCF–7 cells by tannic acid and resveratrol. *African Journal of Biotechnology*, 12(12):1431–1437, 2013. doi: 10.5897/AJB11.3086

7.3. Papers delivered in international conferences and printed as proceedings

1. Ak A, **Soyocak A**, Bayrak O. In vitro Biocompatibility Assessment of Ti45Nb Alloy. 8th International Congress on Applied Biological Science, Abstract Book, p 33, (Oral Presentation), Pristina, Kosova, September 13-16 2023.
2. Koc G, **Soyocak A**. Determination of VGF gene expression in omentin-treated MCF-7 cells International Congress of Medicine and Health Sciences (INCOMES) Abstract Book, 174, 272-273 s, (Oral Presentation), Online Congress, 26-28 Nisan 2021.
3. Koc G, Duzgun Ergun D, **Soyocak A**. Evaluation of the Antioxidant and Antiproliferative Potential of Zinc in Breast Cancer Cells. 5th International Scientific Studies Congress (UBCAK), Abstract Book, p 346-347, (Oral Presentation), İstanbul 15-17 Mart 2021.
4. Koc G, **Soyocak A**, Alış H. Phosphatidylinositol 3-Kinase Gene Expression in Adipose Tissue. 4th International Hippocrates Congress on Medical and Health

Sciences, Abstract Book, 269, p 3-5 (Oral Presentation), Antalya, Turkey, September, 25-26, 2020.

5. **Soyocak A**, Önem E, Ak A. Cytotoxicity of Niaouli Essential Oil and Inhibitory Effect on Virulence Factors in PA01. 4. International Congress of Medicine and Health Sciences Research (UTSAK) Abstract Book, 224, p 276-277, (Oral Presentation), Hattuşa/Boğazkale, Çorum, Turkey, Ağustos 22-23, 2020.
6. **Soyocak A**. Genome Editing and Obesity 2. International Nutrition, Obesity and Society Congress, Abstract Book, p 416, (Oral Presentation), Hilton Hotel, Zeytinburnu, İstanbul, Turkey, Aralık 26-27, 2019.
7. **Soyocak A**, Turgut Cosan D. Silencing of Eag1 may Effects Proliferation and Apoptosis through Gene Expression of ERK1 and JNK in Cancer. 5th International Congress on Applied Biological Science, Abstract Book, p 10, (Oral Presentation), Sarajevo, Bosnia Herzegovina, November 08-12 2019.
8. **Soyocak A**, Duzgun Ergun D, Koc G. What is the role of sulfanilamide in breast cancer?. 2nd International Hippocrates Congress on Medical and Health Sciences, Abstract Book, 354, p 46 (Oral Presentation), Istanbul, Turkey, June, 28-30, 2019.
9. Koç G, **Soyocak A**, Alış H, Diyarbakırlıoğlu M. İnsan Yağ Dokularında VGF/ C3aR1 Gen Ekspresyonunun Obezite ile İlişkisi. 6. Uluslararası Multidisipliner Çalışmaları Kongresi: Multicongress Gaziantep, Abstract Book, p 101, (Oral Presentation), Gaziantep, Turkey, April, 26-27, 2019.
10. Turgut Cosan D, Calis IU, **Soyocak A**, Dal A, Kurt H, Colak E, Gunes HV. Effects of Tannic Acid, Cacao Oil and St. John's Wort Oil on the Oxidative Stress Induced by Cadmium in Packed Human Red Blood Cells. 3rd International Congress on Applied Biological Sciences, Abstract Book, 10, p 35, (Poster Presentation), Afyon, Turkey, July, 09-12, 2017.
11. Turgut Cosan D, **Soyocak A**, Oner C. The silenced potassium channels Kv1.3 and Kv10.1 affects miR-126 in breast cancer cells. The European Human Genetics Conference-ESHG, Abstract Book, P12.121A, (Poster Presentation), Copenhagen, Denmark, May, 27-30, 2017.
12. Turgut Cosan D, **Soyocak A**, Calis IU, Oner C, Metcalfe E, Erkasap S, Mutlu F. Sphingosine-1-Phosphate (S1P) Receptors in Non-Metastatic and Metastatic Breast

Cancer Patients. The European Human Genetics Conference-ESHG, Abstract Book, E-P12.14, (Poster Presentation), Copenhagen, Denmark, May, 27-30, 2017.

13. Turgut Cosan D, Calis IU, **Soyocak A**. First findings: Cooperation of two different cell membrane proteins in breast cancer. ECCO:2017 European Cancer Congress, (European Journal of Cancer, 72 (1), Feb 2017), Abstract Book, p: S18, 183, (Poster Presentation), Amsterdam, The Netherlands, January 27-30, 2017.
14. Turgut Cosan D, **Soyocak A**, Oner C, Erkasap MS, Bayman E, Colak E, Djamgoz BAM. The Importance of Voltage Gated Channels in Breast Cancer. 5th International Congress on Cell Membranes and Oxidative Stress Focus on: Calcium Signaling and TRP Channels Congress, (Cell Membranes and Free Radical Research, 6(1): 342), Abstract Book, p: 342, (Poster Presentation), Isparta, Turkey, September 9–12, 2014.
15. Çalış İU, Turgut Coşan D, Saydam F, Kolaç U, **Soyocak A**, Özdemir Z, Kurt H, Güneş HV, Şahin Mutlu F, Değirmenci İ. The Effect of Tannic Acid in Monosodium Glutamate Induced Oxidative Stress in Rats. 5th International Congress on Cell Membranes and Oxidative Stress Focus on: Calcium Signaling and TRP Channels Congress, (Cell Membranes and Free Radical Research, 6(1): 345) Abstract Book, p:345, (Poster Presentation), Isparta, Turkey, September 9–12, 2014.
16. Dal A, Turgut Coşan D, Oner C, Ak G, **Soyocak A**, Metintas M, Colak E, Güneş HV. Identification of total oxidant and antioxidant levels in mesothelioma. 5th International Congress on Cell Membranes and Oxidative Stress Focus on: Calcium Signaling and TRP Channels Congress, (Cell Membranes and Free Radical Research, 6(1): 377), Abstract Book, p: 377, (Poster Presentation), Isparta, Turkey, September 9–12, 2014.
17. **Soyocak A**, Kurt H, Özdemir Z, Saydam F, Çalış İU, Kolaç U, Turgut Coşan D, Değirmenci İ, Şahin Mutlu F, Güneş HV. The Relationship Between Tannic Acid and Myeloperoxidase Enzyme Activity in the Inflamed Paw Tissue Formed by Formalin Injection in Rats. 5th International Congress on Cell Membranes and Oxidative Stress Focus on: Calcium Signaling and TRP Channels Congress (Cell Membranes and Free Radical Research, 6(1): 383). Abstract Book, p:383, (Poster Presentation), Isparta, Turkey, September 9–12, 2014.

18. **Soyocak A**, Kurt H, Özgen M, Turgut Coşan D, Değirmenci I, Çolak E, Güneş HV. The First Assessment Results of miRNA-146a and miRNA-155 Expression Levels in Patients with Osteoarthritis. European Biotechnology Congress 2014. Abstract Book, p:86, (Poster Presentation), Grand Hotel Tiziano e dei Congressi, Lecce, Italy, 15–18 May 2014.
19. Turgut Coşan D, Doğaner F, Özgen M, **Soyocak A**, Armağan O, Güneş HV, Değirmenci I, Kuzgun S, Şahin Mutlu F. The Association Between VKORC1 Gene 9041 G/A Polymorphism and Fracture in Postmenopausal Osteoporosis. European Biotechnology Congress 2014. Abstract Book, p:86-87, (Poster Presentation), Grand Hotel Tiziano e dei Congressi, Lecce, Italy, 15-18 May 2014.
20. Doğaner F, Turgut Coşan D, Özbayer C, Saydam F, **Soyocak A**, Değirmenci İ, Güneş HV, Kurt H, Üstüner MC, Bal C. The Effects of Tannic Acid on Heart Tissue and Blood in Experimental Hypertension. 4th International Congress on Cell Membranes and Oxidative Stress Focus on: Calcium Signaling and TRP Channels Congress. Abstract Book, p:61, (Poster Presentation), Isparta, Turkey, 26-29 June 2012.
21. Özbayer C, Turgut Coşan D, Saydam F, **Soyocak A**, Doğaner F, Değirmenci İ, Güneş HV, Kurt H, Üstüner MC, Bal C. The Effect of Tannic Acid on Liver Damage Mediated by Chronic Nitric Oxide Inhibition. 4th International Congress on Cell Membranes and Oxidative Stress Focus on: Calcium Signaling and TRP Channels Congress. Abstract Book, p:41, (Poster Presentation), Isparta, Turkey, 26-29 June 2012.
22. Turgut Cosan D, **Soyocak A**, Basaran A, Degirmenci I, Gunes HV, Bal C. Apoptotic Activity of Quercetin and Tamoxifen in CaCo-2 Cells. IV. International Congress of Molecular Medicine From Cell to Beside. Abstract Book, p:68, (Poster Presentation), (In Vivo International Journal of Experimental and Clinical Pathophysiology and Drug Research, 25(3), 2011) p521–522, 27–30 June, 2011, Istanbul, Turkey.
23. Tekedereli I, Turgut Cosan D, **Soyocak A**, Dalby K, Ozpolat B. Doxorubicin and Tamoxifen induce autophagy as a survival pathway through Calmodulin-dependent protein Kinase III (CAMK-III) in primary ER(-) and ER(+), drug resistant and metastatic breast cancer cells. Multidisciplinary Approaches in Cell Death

Research From Yeast to Man. Abstract Book, p:28, (Oral Presentation), Silence Beach Resort, Kemer, Antalya, Turkey, 28–31 May 2010.

24. Cosan D, **Soyocak A**, Tekedereli I, Gacar G, Karaoz E, Ozpolat B. Doxorubicin-induced autophagy functions as a pro-survival pathway in breast cancer cells. 101st Annual Meeting, American Association for Cancer Research (AACR), Abstract Book, p:1240, Vol 51, (Poster Presentation), Walter E Washington Convention Center, Washington DC, USA, April 17-21, 2010.
25. Cosan D, **Soyocak A**, Kucukarabaci B, Basaran A, Degirmenci I, Gunes HV. Role of Phenolic Compounds on NOS Enzyme Activity in Colon Adenocarcinoma. Joint 4th Eortc Pathobiology Group Annual Meeting & 1st, International Multidisciplinary Cancer Research Congress. Abstract Book, p:26, (Poster Presentation), Antalya, Turkey, May 21–24, 2009.
26. Cosan D, Kucukarabaci B, **Soyocak A**, Basaran A, Gunes HV, Degirmenci I, Musmul A. Is The NOS Enzyme Activity Correlated with Phenolic Compounds in Breast Adenocarcinoma?. Joint 4th Eortc Pathobiology Group Annual Meeting & 1st, International Multidisciplinary Cancer Research Congress. Abstract Book, p:27, (Poster Presentation), Antalya, Turkey, May 21–24, 2009.
27. **Soyocak A**, Basaran A, Cosan D, Gunes HV, Degirmenci I. Inhibition of Telomerase Activity by Tannic Acid in MCF-7 Cell Line. 2nd International Congress on Cell Membranes and Oxidative Stress: Focus on Calcium Signaling and TRP Channels. Abstract Book, p:49, (Poster Presentation), Isparta, Turkey, June 25–28, 2008.
28. Cosan D, Basaran A, **Soyocak A**, Degirmenci I, Gunes HV. Effects of Resveratrol on Telomerase Activity in CaCo-2 Cell Line. 2nd International Congress on Cell Membranes and Oxidative Stress: Focus on Calcium Signaling and TRP Channels. Abstract Book, p:49, (Poster Presentation), Isparta, Turkey, June 25–28, 2008.

7.4. International/national books and sections in books published internationally

1. Dođaner F, **Soyocak A**, Turgut Cosan D. Geçmişten Günümüze Biyoteknoloji, Biyoteknoloji, Prof. Dr. Mehmet Karataş, Nobel Akademik Yayıncılık, Bölüm 1, Aralık 2023, 1-25s. ISBN:978-625-371-040-8

2. **Soyocak A**, Dođaner F, Turgut Cosan D. Hücre Biyolojisi ve Nanobiyoteknoloji, Biyoteknoloji, Prof. Dr. Mehmet Karataş, Nobel Akademik Yayıncılık, Bölüm 5, Aralık 2023, 141-180s. ISBN:978-625-371-040-8
3. **Soyocak A**, Turgut Cosan D. Hücre İskeletinin Yapısı, Hücre Biyolojisi, Editör; Prof. Dr. Mehmet Karataş, Nobel Akademik Yayıncılık, Bölüm 7, Mart 2022, 157-194s. ISBN:978-625-417-713-2
4. Turgut Cosan D, **Soyocak A**. Hücre Bölünmesi Hücre Döngüsü, Hücre Biyolojisi, Editör; Prof. Dr. Mehmet Karataş, Nobel Akademik Yayıncılık, Bölüm 10, Mart 2022, 265-301s. ISBN:978-625-417-713-2
5. **Soyocak A**. Kas-İskelet Sisteminde Purinerjik Sinyal Yolađı Tıp ve Sađlık Bilimleri Çalışmaları, Metodoloji, Araştırma ve Uygulama, Editör; Prof. Dr. Yasemin Zer, Bölüm 1, Mart 2022, 1-30s.
6. **Soyocak A**. Epigenetik Mekanizmalar ile Koronavirüs 19 (Covid-19) Hastalığının İlişkisi. Sađlık Bilimlerinde Araştırma ve Deđerlendirmeler, Editörler; Prof. Dr. Cem Everekliođlu, Dr. Öğretim Üyesi Duygu Sevim Gülmez, Cilt 4, Bölüm 61, Mayıs 2021, 155-174s.
7. Turgut Cosan D, **Soyocak A**. Chapter 5 Inhibiting Telomerase Activity and Inducing Apoptosis in Cancer Cells by Several Natural Food Compounds. In Tech-Book, Reviews on Selected Topics of Telomere Biology, pp. 123–148, 2012.
8. Turgut Cosan D, **Soyocak A**. Chapter 8 Induction of Apoptosis By Polyphenolic Compounds In Cancer Cells. Springer Book, Natural Compounds as Inducers of Cell Death: Volume 1, pp. 185–214, 2012.

7.5. Articles published in peer reviewed national journals

1. **Soyocak A**, Ak A, Önem E. Anti-quorum sensing and cytotoxic activity of elemi essential oil. International Journal of Secondary Metabolite, 9(3), 258-267, 2022. doi.org/10.21448/ijsm.1059886
2. Karadeniz K, Andac-Ozturk S, **Soyocak A**. Comparison of the Sweet Taste Receptor (TAS1R2) Polymorphism and Nutrient Intakes in Adults. Med J Bakirkoy, 18, 113-120, 2022. doi: 10.4274/BMJ.galenos.2021.2021.10-14
1. Koç G, **Soyocak A**, Calış İU, Kankaya B, Turgut Coşan D, Alış H. Relationship between MMP-9 Gene Expression in Adipose Tissue and Morbid Obesity. İstanbul Kanuni Sultan Süleyman Tıp Dergisi (IKSST), 14(1), 18-22, 2022. doi: 10.14744/iksstd.2021.04834
2. Düzgün Ergün D, **Soyocak A**. In vitro Evaluation of Cell Viability/Cytotoxicity Efficacy of Boric Acid in Fibroblast Cells. Süleyman Demirel University Faculty of

Arts and Sciences Journal of Science, 16(2), 390-396, 2021. doi: 10.29233/sdufeffd.915866

3. Düzgün Ergün D, Koç G, **Soyocak A**. The role of selenium in the breast cancer cell line (MCF-7). *Biological Diversity and Conservation*, 14(2):188-192, 2021. doi: 10.46309/biodicon.2021.881957
4. Koç G, **Soyocak A**, Kankaya B, Alış H. Determination of TLQP-21 Neuropeptide plasma level in morbidly obese. *Istanbul Kanuni Sultan Süleyman Medical Journal (IKSSTD)*, 13(1):6-10, 2021. doi: 10.5222/iksstd.2021.10438
7. Koç G, **Soyocak A**, Ongün P, Kervancıoğlu G. Assessment of Eating Habits and Internet Addiction Levels Based on the Physical Activity Levels in University Students. *J DU Health Sci Ins*, 11(1): 25-32, 2021. doi: 10.33631/duzcesbed.732499
8. **Soyocak A**, Koç G. Effect of black grape extract on MMP-9 gene expression in breast cancer cells. *Biological Diversity and Conservation*, 13(3):194-199, 2020. doi: 10.46309/biodicon.2020. 824105
9. **Soyocak A**, Coşan DT, Özgen M, Kurt H, Mutlu Sahin F. Investigation of VEGFA and HIF1-A gene expression levels in primary knee osteoarthritis patients. *Mersin University Journal of Health Science*, 13(1):97-106, 2020. doi: 10.26559/mersinsbd.628048
10. Özgen M, Coşan DT, Atik Z, Saydam F, Çolak E, **Soyocak A**, Doğaner F, Berkan F, Değirmenci İ, Mutlu F. Evaluation of the Relationship of Paraoxonase 1 L55M and Q192R Polymorphism in Postmenopausal Osteoporosis. *Osmangazi Medical Journal*, 42(3):289-295, 2020. doi: 10.20515/otd. 534456
11. Çalış İU, **Soyocak A**, Dal A, Kurt H, Çolak E, Turgut Coşan D. Antioxidative effects of tannic acid, cacao oil and st. john's wort oil on the oxidative stress induced by cadmium in packed human erythrocytes. *Biological Diversity and Conservation*, 12(3), 01-06, 2019. doi: 10.5505/biodicon.2019.76486
12. Coşan DT, Dal A, **Soyocak A**, Çolak E, Çiçek A, Kurt H. Investigation of the Effect of Tannic Acid on Heavy Metal Removal and Some Biochemical Values in Rats with Cadmium Toxicity. *Kocatepe Medical Journal*, 18(4), 146-153, 2017. doi: 10.18229/kocatepetip.368688
13. Coşan D, Öner Ç, **Soyocak A**, Metcalfe E, Djamgoz M. The role of inhibition of Kv 1.3 and Kv 10.1 voltage-dependent potassium channels on oxidative stress in breast cancer. *Dicle Medical Journal*, 44: 43-50, 2017. doi: 10.5798/dicletip.298591
14. **Soyocak A**, Özgen M, Kurt H, Turgut Coşan D, Değirmenci İ, Güneş HV. Nuclear factor kB (NF-kB) activity according to the stage of knee osteoarthritis patients. *Osmangazi Medical Journal*, 38(1):38-44, 2016. doi: 10.20515/otd.85304

15. **Soyocak A**, Özgen M, Kurt H, Turgut Coşan D, Değirmenci İ, Güneş HV. miRNAs and Osteoarthritis. *Osmangazi Medical Journal*, 38(1):6-17, 2016. doi: 10.20515/otd.04339
16. Turgut Coşan D, Ak G, Güneş HV, Dağ İ, **Soyocak A**, Dikmen G, Dal A, Metintaş M. Drug Delivery Nanosystems in Malignant Pleural Mesothelioma. *Journal of Tuberculosis and Thorax*, 64(1):60-68, 2016. doi: 10.5578/tt.10008
17. Turgut Coşan D, **Soyocak A**, Başaran A, Değirmenci İ, Güneş HV, Bal C. How Does Quercetin and Tamoxifen Affect The Apoptosis of Colon Cancer Cells?. *Osmangazi Tıp Dergisi*, 37(2):14–20, 2015.
18. **Soyocak A**, Turgut Coşan D, Başaran A Güneş, HV, Değirmenci İ. Evaluation of Bax protein in breast cancer cells treated with tannic acid. Tannik asit uygulanan meme kanseri hücrelerinde Bax proteinin değerlendirilmesi. *Dicle Tıp Dergisi-Dicle Medical Journal*, 38(1):1-6, 2011.
19. **Soyocak A**, Turgut Cosan D, Basaran A, Degirmenci I, Gunes HV, Mutlu Sahin F, Colak E. The Association Between Apoptotic Bak Protein and Quercetin in Breast And Colon Cancer Cell Lines. *FABAD J Pharm Sci*, 34(2):77–83, 2009

7.6 Papers delivered at national conferences and printed as proceedings

1. Koç G, **Soyocak A**, Andaç-Öztürk S, Ergün S. The relationship between chronic gastritis disease and taste receptor type 1 gene polymorphism. XVII. National Congress of Medical Biology and Genetics (International Participation), Congress Proceedings Book, pp 230-231, (Oral Presentation), Online, 28–31 October 2021.
2. **Soyocak A**, Epigenetic Mechanisms and Relationship with Diseases. 1st Cyprus Genetics and Genomics Research Symposium (Invited Speaker), Online, 19-20 February 2021.
3. **Soyocak A**, Koç G, Alis H. The Relationship between Obesity and DNMT1 Gene Expression Level. 10. National Obesity Congress, Proceedings, p. 53, (Oral Presentation), Şişli Fairmont Quasar Hotel, Istanbul, 20-23 November 2019.
4. **Soyocak A**, Turgut Cosan D. Effect of Ion Channel Blockers in Breast Cancer Cells. XVI. National Congress of Medical Biology and Genetics (International Participation), Congress Proceedings Book, p. 23, (Oral Presentation), La Blanche Island Hotel, Bodrum/Muğla, 27-30 October 2019.
5. **Soyocak A**, Turgut Cosan D. The Effect of Silenced Ion Channels on PIK3CA Gene Expression in Breast Cancer Cells. XVI. National Congress of Medical Biology and Genetics (International Participation), Congress Proceedings Book, p. 24, (Oral Presentation), La Blanche Island Hotel, Bodrum/Muğla, 27-30 October 2019.

6. **Soyocak A.** Now we can change our DNA, so is it a benefit or a risk?. Advanced Technology and Ethics with Health, X. Turkey Bioethics Symposium, Proceedings pp 90-92, (Oral Presentation), Istanbul Aydın University, 17-18 October 2019.
7. Özgen M, Turgut Coşan D, **Soyocak A**, Doğaner F, Armağan O, Şahin Mutlu F. Evaluation of the Relationship between Plasminogen Activator Inhibitor Type-1 (PAI-1) Gene Polymorphism and Vitamin D in Postmenopausal Osteoporosis. 2nd National Congress of Applied Biological Sciences, Congress Proceedings Book, p. 46, (Oral Presentation), Afyon Kocatepe University, Afyon, 09-12 July 2017.
8. **Soyocak A**, Dal A, Turgut Coşan D, Çiçek A, Çolak E, Kurt H. The Role of Cocoa Butter in Erythrocyte and Kidney Against Cadmium Chloride Toxicity. National Congress of Applied Biological Sciences, Congress Proceedings Book, p. 26, (Oral Presentation), Necmettin Erbakan University, Konya, 26-29 December 2016.
9. Turgut Coşan D, Öner C, **Soyocak A**, Metcalfe E, Djamgoz MBA. Does Silencing Kv1.3 and Kv10.1 Voltage-gated Potassium Channels Affect the Oxidative System in Breast Cancer Cells?. 12. National Radiation Oncology Congress, Proceedings book S-110, p 57, (Oral Presentation), Titanic Deluxe Hotel, Belek, Antalya, 20-24 April 2016.
10. Turgut Coşan D, Dağ İ, **Soyocak A**, Dikmen G, Dal A, Güneş HV. Investigation of the effects of single-walled carbon nanotubes and solid lipid nanoparticles on rat glioblastoma cells. 18. National Biotechnology Congress, Congress Proceedings Book, p. 175, (Poster Statement), Dedeman Hotel Konya, 18–19 December 2015.
11. Dal A, Çiçek A, **Soyocak A**, Kurt H, Turgut Coşan D, Çolak E, Değirmenci İ, Güneş HV. Is cocoa butter effective against acute cadmium toxicity in Sprague Dawley rat tissues? XIV. National Congress of Medical Biology and Genetics (International Participation), Congress Proceedings Book, pp. 134–136, (Oral Paper), Liberty Hotels Lykia World Resort, Ölüdeniz/Fethiye, 27-30 October 2015.
12. Turgut Coşan D, Ak G, Çolak E, **Soyocak A**, Dal A, Çolak E, Güneş HV, Metintaş M. Evaluation of plasma paraoxonase 1 enzyme activities in malignant mesothelioma cases. XIV. National Congress of Medical Biology and Genetics (International Participation), Congress Proceedings Book, pp. 247–248, (Poster Statement), Liberty Hotels Lykia World Resort, Ölüdeniz/Fethiye, 27-30 October 2015.
13. Çalış İU, Turgut Coşan D, **Soyocak A**, Dal A, Kurt H, Çolak E, Güneş HV, Değirmenci İ. Investigation of the antioxidative effects of tannic acid and St. John's Wort (*Hypericum perforatum*) oil against H₂O₂-induced oxidative stress in human erythrocyte pack. XIV. National Congress of Medical Biology and Genetics (International Participation), Congress Proceedings Book, pp. 297–298, (Poster

Statement), Liberty Hotels Lykia World Resort, Ölüdeniz/Fethiye, 27-30 October 2015.

14. Dođaner F, **Soyocak A**, Turgut Cosan D, Özgen M, Taşçıođlu F, Şahin Mutlu F, Deđirmenci İ, Güneş HV. Association of Osteoporotic Fractures and A1298C MTHFR Gene Polymorphism. XIV. National Congress of Medical Biology and Genetics (International Participation), Congress Proceedings Book, pp 308–309, (Poster Statement), Liberty Hotels Lykia World Resort, Ölüdeniz/Fethiye, 27-30 October 2015.
15. **Soyocak A**, Özgen M, Turgut Coşan D, Kurt H, Dođaner F, Armađan O, Deđirmenci İ, Şahin Mutlu F, Güneş HV. Determination of the Relationship Between NOD1/CARD4 and NOD2/CARD15 Genes and Osteoporosis Based on Genetic Variations. XIV. National Congress of Medical Biology and Genetics (International Participation), Congress Proceedings Book, pp 309–310, (Poster Statement), Liberty Hotels Lykia World Resort, Ölüdeniz/Fethiye, 27–30 October 2015.
16. **Soyocak A**, Dal A, Çiçek A, Kurt H, Turgut Coşan D, Çolak E, Deđirmenci İ, Güneş HV. Effect of Cocoa Butter on Oxidative Damage and Glucose in Cadmium-Exposed Sprague Dawley Rats. XIV. National Congress of Medical Biology and Genetics (International Participation), Congress Proceedings Book, pp. 321–322, (Poster Statement), Liberty Hotels Lykia World Resort, Ölüdeniz/Fethiye, 27-30 October 2015.
17. Özgen M, Turgut Cosan D, Saydam F, Çolak E, **Soyocak A**, Dođaner F, Taşçıođlu F, Deđirmenci İ, Şahin Mutlu F, Güneş HV. The 172T allele in the PON1 gene may be a risk factor for osteoporosis. XIV. National Congress of Medical Biology and Genetics (International Participation), Congress Proceedings Book, pp 340–341, (Poster Statement), Liberty Hotels Lykia World Resort, Ölüdeniz/Fethiye, 27-30 October 2015.
18. **Soyocak A**, Kurt H, Özdemir Z, Saydam F, Calis IU, Kolaç U, Turgut Coşan D, Deđirmenci İ, Şahin Mutlu F, Güneş HV. Importance of Tannic Acid in Inhibition of Edema. 22nd National Biology Congress (International Participation), Congress Proceedings Book, p 692, (Poster Statement), Eskişehir Osmangazi University, Eskişehir, 23–27 June 2014.
19. Çalış İU, Turgut Coşan D, Saydam F, Kolaç U, **Soyocak A**, Özdemir Z, Kurt H, Güneş HV, Şahin Mutlu F, Deđirmenci İ. Effect of Chinese Salt and Tannic Acid on Oxidative Damage. 22nd National Biology Congress (International Participation), Congress Proceedings Book, p. 742, (Poster Statement), Eskişehir Osmangazi University, Eskişehir, 23–27 June 2014.

20. **Soyocak A**, Kurt H, Özdemir Z, Saydam F, Calis IU, Kolaç U, Turgut Coşan D, Değirmenci İ, Şahin Mutlu F, Güneş HV. The effect of tannic acid on myeloperoxidase enzyme activity in formalin-induced paw edema. XIII. National Congress of Medical Biology and Genetics, Congress Proceedings Book, pp. 292-293, (Poster Statement), Pine Bay Hotel, Kuşadası, Aydın, 27-30 October 2013.
21. Çalış İU, Turgut Coşan D, Saydam F, Kolaç U, **Soyocak A**, Özdemir Z, Kurt H, Güneş HV, Şahin Mutlu F, Değirmenci İ. Monosodium glutamate blood glucose and tannic acid. XIII. National Congress of Medical Biology and Genetics, Congress Proceedings Book, p. 344, (Poster Statement), Pine Bay Hotel, Kuşadası, Aydın, 27-30 October 2013.
22. **Soyocak A**, Turgut Coşan D, Doğaner F, Özbayer C, Saydam F, Değirmenci İ, Güneş HV, Kurt H, Üstüner MC, Bal C. Is tannic acid, a natural component, effective in hypertension?. XII. National Congress of Medical Biology and Genetics, Congress Proceedings Book, p 130, (Poster Statement), Porto Bello Hotel, Antalya, 27–30 October 2011. and Türkiye Klinikleri Journal of Medical Sciences 31(6), S130, 2011.
23. Saydam F, Turgut Coşan D, **Soyocak A**, Doğaner F, Özbayer C, Güneş HV, Değirmenci İ, Üstüner MC, Kurt H, Bal C. N (omega)-nitro-L-arginine administered systolic blood pressure of tannic acid, kidney Its effect on oxidative stress in tissue and some urinary parameters. XII. National Congress of Medical Biology and Genetics, Congress Proceedings Book, p 130, (Poster Statement), Porto Bello Hotel, Antalya, 27-30 October 2011. and Türkiye Klinikleri Journal of Medical Sciences 31(6), S130, 2011.
24. **Soyocak A**, Coşan D, Başaran A, Güneş HV, Değirmenci İ, Çolak E. MCF-7 quercetin and BAK protein. XI. National Congress of Medical Biology and Genetics, Congress Proceedings Book, p. 88, (Poster Statement), Bodrum, Muğla 28-31 October 2009.
25. Coşan D, **Soyocak A**, Başaran A, Değirmenci İ, Güneş HV, Mutlu FŞ. Effect of Quercetin on Bak Protein in CaCo-2 Human Colon Cancer Cell Line. II. Multidisciplinary Cancer Research Symposium (International Participation), Congress Proceedings Book, p. 22, (Poster Statement), Grand Yazıcı Hotel Uludağ/Bursa, 24-27 February 2008.
26. Başaran A, **Soyocak A**, Coşan D, Güneş HV, Değirmenci İ, Mutlu FŞ. Effect of Resveratrol on Telomerase Enzyme Activity in MCF-7 Human Breast Cancer Cell Line. II. Multidisciplinary Cancer Research Symposium (International Participation), Congress Proceedings Book, p. 23, (Poster Statement), Grand Yazıcı Hotel Uludağ/Bursa, 24-27 February 2008.

7.7 Other publications

7.7.1 Articles published in other national peer-reviewed journals

1. Ak A, Onem E, **Soyocak A.** Anti-proliferative Effect of Niaouli and Elemi Essential Oils on MDA-MB-231 Breast Cancer Cell Line. EURAS Journal of Health, 3(1), 15-23, 2022.
2. **Soyocak A.** MicroRNA Polymorphisms and Cancer. Journal of Istanbul Aydın University Faculty of Medicine Clinics, 1(1), 1-18, 2018.

8. Projects directed and participated

	Project title	Project task	Project date	Project budget
1	'Determination of Serum Obestatin Levels in Osteoarthritis Patients' TÜBİTAK 1002 223S445	Coordinator	Start date: 01.11.2023 End date: continues	39.900,00-TL
2	'Determination of the Chemical Composition and Health Effects of Respirable Particulate Matter Originating from Building Demolition and Debris Removal in the Earthquake Zone' TÜBİTAK 1001 (BİNBİRÇABA) 123Y223	Researcher	Start date: 20.11.2023 End date: continues	1.363.934,00-TL
3	'Can Hypothermia Be Used as a Cell Damage Defense Strategy?' TÜBİTAK 2209A 2023/1	Advisor	Start date: 29.09.2023 End date: continues	6.000,00-TL
4	'Identification of the Role of DNMT1 and DNMT3A Gene Variants in the Development of Type 2 Diabetes' TÜBİTAK 2209A 2022/2	Advisor	Start date: 20.03.2023 End date: continues	5.909,76-TL
5	'Investigation of the Relationship Between Serum Macrophage Scavenging Receptor 1 (MSR1) Levels and Insulin Resistance in Patients with Type 2 Diabetes' TÜBİTAK 2209A 2022/1	Advisor	Start date: 16.11.2022 End date: continues	5.990,00-TL
6	'Can the lysosomal activator protein prosaposin be a biomarker for atherosclerosis disease?' TÜBİTAK 2209A 2022/1	Advisor	Start date: 16.11.2022 End date: continues	5.990,00-TL
7	'The Biosynthesis of Ag and Se Nanoparticles with Lavender and Investigation of Their Biological Activities' Süleyman Demirel University Scientific Research Commission Project, Project no: TAB-2022-8715	Researcher	Start date: 07.07.2022 End date: continues	19.999,16-TL
8	'The Relationship between IL-6 and SOCS3 Gene Polymorphisms and Obesity' Istanbul Aydın University Scientific Research Commission Project, Project no: 2021 /08	Researcher	Start date: 01.03.2021 End date: continues	22.219,0-TL

9	'The Effect of COG133 Peptide on TRAF6, NF-KB, IL6 and ApoE Expression via Inflammatory MiRNA146a Expression and Antibacterial Activity in Normal and Diabetic Dermal Fibroblast Cell Lines with Wound Model' Kocaeli University Scientific Research Commission Project, Project no: 2350	Researcher	Start date: 12.10.2020 End date: 02.09.2023	90.958,92-TL
10	'Investigation of the effect of ometin on PI3K/Akt signaling pathway and epigenetic regulation in breast cancer' Istanbul Aydın University Scientific Research Commission Project, Project Coordinator. Project number: 2018/08	Coordinator	Start date: 2018 End date: 2020	19.999,52 -TL
11	'Investigating the relationship between obesity and neuropeptide TLQP-21 and its receptor C3aR1' Istanbul Aydın University Scientific Research Commission Project, Project number: 2018/05	Researcher	Start date: 2018 End date: 2020	20.716,04 -TL
12	'The role of urotensin-2 in Bartter syndrome' Istanbul Aydın University Scientific Research Commission Project, Project number: 2018/17	Researcher	Start date: 2018 End date: 2021	18,999,44 -TL
13	'Investigation of AhR gene polymorphisms in obesity' Istanbul Aydın University Scientific Research Commission Project, Project number: 2018/09	Researcher	Start date: 2018 End date: 2020	15.422,26 -TL
14	'Transcription Factors that Activate T Helper Cells and the Role of Regulatory MiRNAs in the Pathogenesis of Behçet's Disease' Istanbul Aydın University Scientific Research Commission Project, Project number: 2018/08	Researcher	Start date: 2018 End date: 2019	20.389,26 -TL
15	'The role of voltage-gated potassium channels (Kv1.3 and Kv10.1) in the invasion and metastasis of human breast cancer cells' Scientific and Technological Research Council of Turkey (TUBITAK) Scientific and Technological Research Projects Support Program (1001), Scholar. Project no: 110S476	Scholar	Start date: 01.05.2011 End date: 01.09.2014	299.860-TL
16	'Determination of the Relationship between Metylenetetrahydrofolate Reductase (MTHFR) Gene Polymorphisms and Osteoporosis' Aksaray University Scientific Research Commission Project, Project number: 2014-018	Researcher	Start date: 17.03.2014 End date: 17.03.2016	7.987,00-TL
17	'Investigation of Vitamin K Epoxide Reductase Complex Subunit-1 (VKORC1) Polymorphism in Osteoporosis' Eskişehir Osmangazi University Scientific Research Commission Project, Project no: 201211D08	Researcher	Start date: 14.08.2012 End date: 14.08.2013	14.537,00-TL
18	'Investigation of the Relationship between Jun-N-terminal Kinase (JNK), Nuclear Factor kappa B (NF-κB), miRNA-146a and miRNA-155 in Patients with Osteoarthritis' Eskişehir Osmangazi University Scientific Research Commission Project, Project number: 201111027	Researcher	Start date: 12.08.2011 End date: 12.08.2013	86.154,00-TL
19	'The Effects of Resveratrol and Tannic Acid on Apoptosis and Telomerase Enzyme Activity in Human Breast Cancer (MCF-7) and Human Colon	Researcher	Start date: 2007 End date:	148.095,17 TL

	Adenocarcinoma (CaCo-2) Cell Lines' Eskişehir Osmangazi University Scientific Research Commission Project, Project number: 200711014		2008	
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9. Administrative designations

1. Istanbul Aydın University Faculty of Medicine Faculty Board Membership 2023-continues
2. Istanbul Aydın University Faculty of Medicine Faculty Accreditation Commission Membership 2023-continues
3. Istanbul Aydın University Scientific Research Project (BAP) Commission Membership 2022- continues
4. Istanbul Aydın University Scientific Research Project (BAP) Advisory Board Member 2021- continues
5. Istanbul Aydın University Rectorate Examination Commission Membership 2020-continues
6. Istanbul Aydın University Faculty of Medicine 4th Grade Coordinator 2019-2021
7. Istanbul Aydın University Faculty of Medicine 1st Class Coordinator 2017-2019
8. Istanbul Aydın University Faculty of Medicine Faculty Education Committee Member 2018-2019
9. Istanbul Aydın University Faculty of Medicine Faculty National Accreditation Coordinator Assistant 2018- continued
10. Istanbul Aydın University Faculty of Medicine Faculty Quality Board Member 2017-2018
11. Istanbul Aydın University Faculty of Medicine Faculty Board Member 2017-2018

10. Membership in scholarly institutions

1. Medical Biology and Genetics Association Membership, 2017- continues
2. Membership of the Turkish Biologists Association, 2008- continues
3. Scientific and Technological Research Council of Turkey (TUBITAK) Researcher Information System (Arbis) Membership, 2007- continues
4. MOKAD (Molecular Cancer Research Association) Membership, 2013- continues
5. Membership of the European Association for Cancer Research (EACR), 2013-continues
6. Member of the American Association for Cancer Research (AACR), 2010-continues
7. Cell Death Research Association Membership, 2012- continues
8. Turkish Physiological Sciences Association Membership, 2016- continues

11. Awards and grants

1. Best Poster Award (Platinum Rose Poster Award), Turgut Cosan D, Soyocak A, Oner C, Erkasap MS, Bayman E, Colak E, Djamgoz BAM. The Importance of Voltage Gated Channels in Breast Cancer. 5th International Congress on Cell Membranes and Oxidative Stress: Focus on Calcium Signaling and TRP Channels (Cell Membranes and Free Radical Research, 6(1): 342, 2014), p 34, 9-12 September, 2014, Isparta, Turkey.
2. Best Poster Award, Turgut Cosan D, Soyocak A, Basaran A, Degirmenci I, Gunes HV Bal C. Apoptotic Activity of Quercetin and Tamoxifen in CaCo-2 Cells. 4th International Congress of Molecular Medicine, (In Vivo International Journal of Experimental and Clinical Pathophysiology and Drug Research, 25(3), 2011) p521-522, 27-30 June, 2011, Istanbul, Turkey.

12. Courses taught over the last two academic years

Academic Year	Term	Yüksekokul/Fakülte/ Lisansüstü	Course Name	Hours/week		Number of Students
				Theoretical	Applied	
2016-2017	Fall	Faculty of Medicine	Medical Biology and Genetics	2	1	60
		Faculty of Health Sciences Department of Audiology	Medical Biology and Genetics	2	2	51
		Faculty of Health Sciences Department of Nutrition and Dietetics	Medical Biology and Genetics	3	0	58
		Vocational School of Health Services Medical Laboratory Techniques	Molecular Biology and Genetics	2	2	36
	Spring	Faculty of Medicine	Medical Biology and Genetics	2	1	60
		Faculty of Dentistry	Immunology	2	0	113
2017-2018	Fall	Faculty of Medicine	Medical Biology and Genetics	2	1	86
		Faculty of Health Sciences Department of Audiology	Medical Biology and Genetics	2	2	90
		Faculty of Health Sciences Department of Nutrition and Dietetics	Medical Biology and Genetics	3	0	60

		Vocational School of Health Services Medical Laboratory Techniques	Molecular Biology and Genetics	2	2	34
	Spring	Faculty of Medicine	Medical Biology and Genetics	2	1	85
		Faculty of Dentistry	Immunology	2	0	93
2018-2019	Fall	Faculty of Medicine	Medical Biology and Genetics	2	1	83
	Spring	Faculty of Medicine	Medical Biology and Genetics	2	1	82
		Faculty of Dentistry	Immunology	2	0	88
		Food Safety Graduate Institute PhD course	Nutrigenomics	2	0	2
2019-2020	Fall	Faculty of Medicine	Medical Biology and Genetics	2	1	110
	Spring	Faculty of Medicine	Medical Biology and Genetics	2	1	110
		Faculty of Dentistry	Immunology	1	0	98
		Faculty of Health Sciences Department of Nutrition and Dietetics	Nutrigenetics	2	0	18
		Molecular Medicine Graduate Institute Master course	Molecular and Cellular Biology	3	0	1
2020-2021	Fall	Faculty of Medicine	Medical Biology and Genetics	2	1	161
		Faculty of Health Sciences Department of Nutrition and Dietetics	Medical Biology and Genetics	3	0	70
	Spring	Faculty of Medicine	Medical Biology and Genetics	2	1	159
		Faculty of Dentistry	Immunology	1	0	102
		Faculty of Health Sciences Department of Nutrition and Dietetics	Nutrigenetics	2	0	33
	Fall	Faculty of Medicine	Medical Biology and Genetics	2	1	138

2021-2022		Faculty of Health Sciences Department of Nutrition and Dietetics	Medical Biology and Genetics	3	0	55
		Molecular Medicine Graduate Institute Master course	Molecular and Cellular Biology	3	0	2
	Spring	Faculty of Medicine	Medical Biology and Genetics	2	1	110
		Faculty of Dentistry	Immunology	1	0	102
		Molecular Medicine Graduate Institute Master course	Cell Culture Methods	3	0	2
2022-2023	Fall	Faculty of Medicine	Medical Biology and Genetics	2	1	140
		Faculty of Health Sciences Department of Nutrition and Dietetics	Medical Biology and Genetics	3	0	70
	Spring	Faculty of Medicine	Medical Biology and Genetics	2	1	140
2023-2024	Fall	Faculty of Medicine	Medical Biology and Genetics	2	1	95
		Faculty of Health Sciences Department of Nutrition and Dietetics	Medical Biology and Genetics	3	0	71
		Molecular Medicine Graduate Institute Master course	Molecular and Cellular Biology	3	0	2
	Fall	Faculty of Medicine	Medical Biology and Genetics	2	1	
		Molecular Medicine Graduate Institute Master course	Cell Culture Methods	3	0	

13. International Congress Participation

1. 8th International Congress on Applied Biological Science, September 13-16, 2023, Pristina, Kosovo.
2. 3rd International Cancer and Ion Channels Congress, September 16-18, 2021, Online congress, Turkey.

3. International Congress of Medicine and Health Sciences (INCOMES), 26-28 April 2021, Online congress, Turkey
4. 5th International Scientific Studies Congress (UBCAK), 15-17 March 2021, Istanbul, Turkey.
5. 4th International Congress of Medical and Health Sciences Research (UTSAK), August 22-23, 2020, Hattusa/Bogazkale, Çorum, Turkey.
6. 2nd International Nutrition, Obesity and Society Congress, December 26-27, 2019, Hilton Hotel, Zeytinburnu, Istanbul, Turkey.
7. 5th International Congress on Applied Biological Science, November 08-12 2019, Sarajevo, Bosnia Herzegovina.
8. 2nd International Cancer and Ion Channels Congress. 'Ion Channels, Cancer Metabolism, and Translation To Therapy' Wyndham Grand Izmir Ozdilek, September 22-24, 2019, Izmir, Turkey.
9. 2nd International Hippocrates Congress on Medical and Health Sciences, June, 28-30, 2019, Istanbul, Turkey.
10. 6th International Congress of Multidisciplinary Studies: Multicongress Gaziantep, April, 26-27, 2019, Gaziantep, Turkey.
11. European Biotechnology Congress 2014, May 15-18 2014, Lecce, Italy.
12. ISEH Society for Hematology and Stem Cells 42nd Annual Scientific Meeting, August 22-25 2013, Vienna, Austria.
13. 4th International Congress of Molecular Medicine From Cell to Beside. Yeditepe University, June 27-30, 2011, Istanbul, Turkey.
14. 16th International Biomedical Science and Technology Symposium. Istanbul University Beyazit Campus, September 28- October 2, 2010, Istanbul, Turkey.
15. 101st Annual Meeting, American Association for Cancer Research (AACR). Walter E Washington Convention Center, April 17-21, 2010 Washington DC, USA.
16. Joint 4th Eortc Pathobiology Group Annual Meeting & 1st International Multidisciplinary Cancer Research Congress. Queen's Park Resort Hotel, May 21-24, 2009, Antalya, Turkey.
17. 2nd International Congress on Cell Membranes and Oxidative Stress: Focus on Calcium Signaling and TRP Channels. Süleyman Demirel University, June 25-28, 2008, Isparta, Turkey.

14. National Congress and Symposium Participation

1. XVII. National Congress of Medical Biology and Genetics (International Participation), 28-31 October 2021, Online.
2. 10.National Obesity Congress, 20-23 November 2019, Sisli Fairmont Quasar Hotel Istanbul.
3. XVI. National Congress of Medical Biology and Genetics (International Participation), 27–30 October 2019, La Blanche Island Hotel, Bodrum/Muğla.
4. X. Turkish Bioethics Symposium, 17-18 October 2019, Istanbul Aydın University, Istanbul.
5. Clinical and Engineering Applications of Probiotics Symposium, 7 December 2018, Istanbul Aydın University, Istanbul.
6. Molecular Cancer Summit, 25-26 March 2017, Istinye University, Istanbul, Turkey.

7. XIV. National Congress of Medical Biology and Genetics (International Participation), 27-30 October 2015, Liberty Hotels Lykia World Resort, Ölüdeniz/Fethiye.
8. Ion Channels and Cancer Symposium, 29 May 2014, Istanbul University Congress Culture Center, Istanbul, Turkey.
9. XIII. National Congress of Medical Biology and Genetics, 27-30 October 2013, Pine Bay Hotel, Kuşadası, Aydın, Turkey.
10. IV. Multidisciplinary Cancer Research Congress, 13-16 December 2012, Mete Cengiz Congress Culture Center, Uludağ University, Bursa, Turkey.
11. XII. National Congress of Medical Biology and Genetics, 27-30 October 2011, Porto Bello Hotel, Antalya, Turkey.
12. II. Stem Cell Course and VI. Stem Cell Symposium, 24-25 June 2011, Ankara University, Ankara, Turkey.
13. XI. National Congress of Medical Biology and Genetics, 28-31 October 2009, Diamond of Bodrum Hotel, Bodrum, Muğla, Turkey.
14. Programmed Cell Death Symposium, Istanbul University Cerrahpaşa Faculty of Medicine Prof. Dr. Cem'i Demiroğlu Auditorium, April 9, 2008, Istanbul, Turkey.
15. II. Multidisciplinary Cancer Research Symposium (International Participation), 24-27 February 2008, Grand Yazıcı Hotel, Uludağ, Bursa, Turkey.
16. X. National Congress of Medical Biology and Genetics, 6-9 September 2007, Otium Zeynep Hotel, Antalya, Turkey.

15. Course and Workshop Participation

1. Basic Cell Culture Course, Cell Death Research Association, 07-08 November 2021, Gebze Technical University, Kocaeli, Turkey
2. CRISPR Cas9 Workshop, Izmir University of Economics, 12 October 2019, Izmir, Turkey
3. 2nd International Cancer and Ion Channels Congress. 'Course of Bioinformatics Applications in Cancer Research' Wyndham Grand Izmir Ozdilek, September 22, 2019, Izmir, Turkey.
4. Next Generation Sequencing Technologies Course, Istanbul University, Aziz Sancar Experimental Medicine Research Institute, 7-8 February 2019, Istanbul, Turkey.
5. Eppendorf New Brunswick Seminar, May 22, 2014, Anemon Hotel, Eskişehir, Turkey.
6. Successful Presentation Techniques, 25-26 March 2013, Eskişehir Osmangazi University, Eskişehir, Turkey.
7. II. Cell Death Research Techniques Theoretical Course, 01-02 November 2012, Eskişehir Osmangazi University, Eskişehir, Turkey.
8. I. Cell Death Research Techniques Theoretical Course, 24-25 November 2011, Dokuz Eylül University, İzmir, Turkey.
9. New Technologies in Molecular Biology Course, XII. National Congress of Medical Biology and Genetics, 26 October 2011, Porto Bello Hotel, Antalya, Turkey.

10. II. Stem Cell Course and VI. Stem Cell Symposium, 24-25 June 2011, Ankara University, Ankara, Turkey.
11. RNA-Based Molecular Methods Applied Training Course, 4-5 June 2011, Istanbul Technical University, Istanbul, Turkey.
12. DNA Based Molecular Methods Applied Training Course, 2-3 June 2011, Istanbul Technical University, Istanbul, Turkey.
13. AUBIBAM Leica Course on: Advanced Confocal&EM/CLEM techniques, 25-26 May 2011, Eskisehir, Turkey.
14. Advances in Immunology and Cancer Biology Workshop, April 15-17, 2011, Boğaziçi University, Istanbul, Turkey.
15. Oxidative Stress, DNA Damage, DNA Repair, Its Relationship with Diseases, Theoretical Course 15-18 June 2010, Dokuz Eylül University Faculty of Medicine Campus, İnciraltı, İzmir, Turkey.
16. Winter School 'Winter School on Frontiers in Nanomedicine and Nanobiotechnology' January 10-13, 2010, Bilkent University, Ankara, Turkey.
17. ESOĞU Faculty of Medicine Medical and Surgical Experimental Research Center (TICAM) IV. Experimental Animal Studies Basic Education Days. Theoretical and practical application course, 24-25 October 2005, Eskişehir, Turkey.

16. Certificate

1. Applied Power Analysis Training with Online G-Power, Istar Research Training Consultancy, Training duration: 4 hours, 15 October 2021
2. Biomedical Ethics and Gene Patent Law Training, Edulegal, 30 August 2021
3. Statistics Tutorial with SPSS from Beginner to Advanced, Udemy, Tutorial duration: 12 hours, May 20, 2020
4. SPSS Training, Istanbul Business Institute, Training duration: 30 hours, 10 May 2020
5. Trainer's Training, Istanbul Business Institute, Training duration: 22 hours, 12 July 2019
6. Trainer's Training, Istanbul Commerce University, Training duration: 45 hours, 28 April 2019
7. Next Generation Sequencing Technologies Certificate of Achievement, Istanbul University, Aziz Sancar Experimental Medicine Research Institute, 7-8 February 2019, Istanbul, Turkey.
8. Basic Good Clinical Practices Achievement Certificate, Clinical Research Association, 9 October 2017
9. Eskişehir Osmangazi University Animal Experiments Local Ethics Committee Experimental Animal Use Certificate, 5 July 2007