
CURRICULUM VITAE

Gülperi Öktem MD, PhD
Professor
Department of Histology and Embryology
Ege University Faculty of Medicine
Izmir / Turkey

PERSONAL

Date / Place and Birth: April 10, 1971, Ankara, Turkey
Nationality: Citizen of Turkey

EDUCATION

Medical Faculty
Dokuz Eylül University Faculty of Medicine, Izmir, Turkey
Degree: M.D 1995
Ege University Health Sciences Institute, Stem Cell Department, Izmir, Turkey Degree:
PhD 2014

LANGUAGES: Turkish (native), English (excellent)

OFFICE ADDRESS

Ege Üniversitesi Tıp Fakültesi
Histoloji ve Embriyoloji A.D
35100 Bornova / Izmir / Türkiye Phone (Office):

PROFESSIONAL EXPERIENCE

- Professor at Department of Histology and Embryology, Ege University, Faculty of Medicine, 2013-ongoing
- Founder and General Manager of Remedium Diagnostic and Treatment Products Co. LTD, Ege Teknokent Izmir,Turkey, 2018- ongoing
- Head of Stem Cell Department, Ege University, Health Sciences Institute, 2016-2020
- Harvard Medical School / Beth Israel Deaconess Medical Center, 2008
- Associate Professor at Department of Histology and Embryology, Ege University Faculty of Medicine 2008.
- Assistant Professor at Department of Histology and Embryology, Ege University Faculty of Medicine 2004.
- A specialist at Department of Histology and Embryology, Ege University Faculty of Medicine 2002.
- University of Helsinki, Haartman Institute, Helsinki 2000.
- Dokuz Eylül University, Faculty of Medicine, Department of Pulmonary Diseases 1999

RESEARCH INTERESTS

- Histology and Histopathology
- Embryology and Reprogramming
- Stem cell biology: cancer stem cell, embryonic stem cell, mesenchymal stem cell
- Cancer biology: glycobiology, anti-cancer drugs, immunotherapy
- Molecular and cellular biology
- Monoclonal antibody

PROJECTS

- ***“Investigation of deaminoneuraminic acid antigen and monoclonal antibodies in blood and urine samples of cancer patients”*** Research grant approved by Ege University Project No: TGA2019-20563, Project coordinator, 2020- ongoing
- ***“Investigation of apoptotic effect of 147-DENA monoclonal antibody in breast cancer treatment”*** Research grant approved by Ege University Project No: TYL-2019-20885, Project coordinator, 2019-2021
- ***“Comparative Evaluation of Tumor Cell, Stem Cell and Somatic Cell Lines With Atomic Force Microscope (SPM) and Molecular Biophysical Methods”*** Research grant approved by Ege University Project No: 18-TIP-013, Researcher, 2018-2020
- ***“Investigation of Cancer Stem Cell Differentiation by the Effect of miRNA in the Reprogramming Process in the Embryonic Period”*** TUBITAK 1001, Project No: 115S404, project coordinator, 2018-2020
- ***“Investigation of Reprogramming in Prostate Cancer Stem Cell and Embryo Co-cultures in terms of Epithelial-Mesenchymal Change”*** TUBITAK 1001, Project No: 112S447, project coordinator, 2015-2017

TEACHING EXPERIENCE

- Charter member of the “Ege University School of Medicine Education and Research Laboratory Management Committee”.
- Membership of the “Ege University School of Medicine Education and Research Laboratory Management Committee”.
- Histology and Embryology Classes for Medical School Students.
- Histology and Embryology Classes and Seminars in Graduate Program in Histology and Embryology Department.
- Histology and Embryology Classes in Nurse School and High School for Health Services.

PROFESSIONAL AFFILIATIONS AND MEMBERSHIPS

- Turkish Society of Medical Doctors
- Turkish Society of Histology and Embryology
- Society of Electron Microscopy
- Journal of Doctor / Member of Editorial Board
- European Association for Cancer Research
- European Microscopy Society
- Molecular Cancer Research Society

PUBLICATIONS

1. Calık Kocaturk D. , Ozdil B. , Adalı Y. , Hoca S. , Kamer S. , Oktem G. , Uysal A. , Aktug H. Radiosensitivity of glioblastoma multiforme and astrocytic cell lines in cell signalling aspects. The European Research Journal
2. Acikgoz E, Duzagac F, Guven U, Yigitturk G, Kose T, Oktem G. "Double hit" strategy: Removal of sialic acid from the dendritic cell surface and loading with CD44+/CD24-/low cell lysate inhibits tumor growth and metastasis by targeting breast cancer stem cells. *Int Immunopharmacol.* 2022 Mar 7;107:108684. doi: 10.1016/j.intimp.2022.108684.
3. Acikgoz, E., Karahuseyinoglu, S., Ayla, S., & Oktem, G. (2021). The Rhythmicity of Life: A Review of the Circadian Clocks. *Critical reviews in oncogenesis*, 26(4), 37–53.
4. Acikgoz E, Mukhtarova G, Alpay A, Avci CB, Bagca BG, Oktem G. Sonic hedgehog signaling is associated with resistance to zoledronic acid in CD133high/CD44high prostate cancer stem cells. *Mol Biol Rep.* 2021 Apr;48(4):3567-3578. doi: 10.1007/s11033-021-06387-w.
5. Acikgoz E, Tatar C, Oktem G. Triptolide inhibits CD133+ /CD44+ colon cancer stem cell growth and migration through triggering apoptosis and represses epithelial-mesenchymal transition via downregulating expressions of snail, slug, and twist. *J Cell Biochem.* 2020 Jun;121(5-6):33133324. doi: 10.1002/jcb.29602.
6. Guler G, Guven U, Oktem G, "Characterization of CD133/CD44 human prostate cancer stem cells with ATR-FTIR spectroscopy." *Analyst*, 2019 March;144(6):2138-49. doi: 10.1039/c9an00093c
7. Erdogan S, Turkecul K, Dibirdik I, Doganlar O, Doganlar ZB, Bilir A, Oktem G. Midkine downregulation increases the efficacy of quercetin on prostate cancer stem cell survival and migration through PI3K/AKT and MAPK/ERK pathway. *Biomed Pharmacother.* 2018 Nov;107:793805. doi: 10.1016/j.biopha.2018.08.061.
8. Demiray SB, Yilmaz O, Goker ENT, Tavmergen E, Calimlioglu N, Sezerman U, Soykam HO, Oktem G. Expression of the Bone Morphogenetic Protein-2 (BMP2) in the Human Cumulus Cells as a Biomarker of Oocytes and Embryo Quality. *J Hum Reprod Sci.* 2017 Jul-Sep;10(3):194-200. doi: 10.4103/jhrs.JHRS_21_17.
9. Soner BC, Açıkğöz E. Inan SY, Ayla S, Sahin AS, Oktem G (2021). Neuroprotective Effect of Intrastratial Caffeic Acid Phenethyl Ester Treatment in 6-OH Dopamine Model of Parkinson's Disease in Rats. *Parkinsons Disease*, 2021, Doi:10.1155/2021/5553480 (Yayın No: 7522976)
10. Acikgoz E, Mukhtarova G, Alpay Araz, Biray AC, Goker BB, Oktem G (2021). Sonic hedgehog signaling is associated with resistance to zoledronic acid in CD133high/CD44high prostate cancer stem cells. *Molecular Biology Reports*, 48(4), 3567-3578., Doi: 10.1007/s11033-021-06387-w (Yayın No: 7523058)
11. Acikgoz E, Guler G, Oktem G (2020). Effect of Flavopiridol on Cell Cycle, Apoptosis and Biomolecule Structure Changes in Breast Cancer Stem Cells. *Bezmialem Science*, 8, Doi: 10.14235/bas.galenos.2019.3491 (Yayın No: 6913895)
12. Binal Z, Acikgoz E, Kızılay F, Oktem G, Altay AB (2020). Crosstalk between ribosome biogenesis, translation, and mTOR in CD133⁺/CD44⁺ prostate cancer stem cells. *Clinical Translational Oncology*, Doi: 10.1007/s12094-019-02229-1 (Yayın No: 5865176)

13. Uslu S, Oktem G, Oltulu F, Demir K, Irban A, Basdemir G, Ince U, Uysal A (2020). Evaluation of chondrogenesis and osteogenesis via Wnt/ β -Catenin, S100 immunoexpression and histomorphometry in fetal rats following maternal uterine artery ligation. *Ege Tıp Dergisi* (Yayın No: 6905653)
14. Acıkgöz E, Tatar C, Oktem G (2020). Triptolide inhibits CD133⁺/CD44⁺ colon cancer stem cell growth and migration through triggering apoptosis and represses epithelial-mesenchymal transition via downregulating expressions of snail, slug, and twist. *Journal of Cellular Biochemistry*, 121, Doi: 10.1002/jcb.29602 (Yayın No:6907773)
15. Demiray SB, Tavmergen Goker EN, Tavmergen E, Yılmaz O, Calınoğlu N, Soykam HO, Oktem G, Sezerman OU (2019). Differential gene expression analysis of human cumulus cells. *Clinical and Experimental Reproductive Medicine*, 46(2), 76-86., Doi: 10.5653/cerm.2019.46.2.76 (Yayın No: 5088782)
16. Güler G, Güven U, Oktem G (2019). Characterization of CD133/CD44 human prostate cancer stem cells with ATR-FTIR spectroscopy. *ANALYST*, 144(6), 2138-2149., Doi:10.1039/c9an00093c (Yayın No: 5088772)
17. Acıkgöz E, Güler G, Camlar M, Oktem G, Aktug H (2019). Glycogen synthase kinase-3 inhibition in glioblastoma multiforme cells induces apoptosis, cell cycle arrest and changing biomolecular structure. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 209, 150-164., Doi: 10.1016/j.saa.2018.10.036 (Yayın No: 4462690)
18. Gürel, C., Inetas, G., Hortu, I., Tunc, E., Kuscu, G. C., Dindaroglu, F. C., Sahin, O., Buhur, A., & Oktem, G. (2019). Cancer and Cancer Stem Cells: New Molecular Perspectives. *Critical reviews in oncogenesis*, 24(1), 99–104. <https://doi.org/10.1615/CritRevOncog.2019029628>
- Güler, G., Guven, U., & Oktem, G. (2019). Characterization of CD133⁺/CD44⁺ human prostate cancer stem cells with ATR-FTIR spectroscopy. *The Analyst*, 144(6), 2138–2149.
19. Güler G, Acıkgöz E, Oktem G (2019). Determination of cellular differences of CD133/CD44 prostate cancer stem cells in two-dimensional and three-dimensional media by Fourier transformation infrared spectroscopy. *Dokuz Eylül Üniversitesi Tıp Fakültesi Dergisi*, 33(1), 45-56., Doi: 10.5505/deutfd.2019.44227 (Yayın No: 5865279)
20. Erdoğan S, Turkecul K, Dıbirdik I, Doganlar O, Doganlar ZB, Bilir A, Oktem G (2018). Midkine downregulation increases the efficacy of quercetin on prostate cancer stem cell survival and migration through PI3K/AKT and MAPK/ERK pathway. *BIOMEDICINE PHARMACOTHERAPY*, 107, 793-805., Doi:10.1016/j.biopha.2018.08.061 (Yayın No: 4556895)
21. Ayla S, Bilir A, Erturkoglu AS, Tanrıverdi G, Soner BC, Sofuoğlu K, Ghisolfi L, Oktem G (2018). Effects of different drug treatments on the proliferation of human ovarian carcinoma cell line MDAH-2774. *Turkish Journal Of Medical Sciences*, 48(2), 441-448., Doi: 10.3906/sag-1507-193 (Yayın No: 4519879)
22. Akarca Dizakar SO, Aktug H, Oltulu F, Oktem G, Yavasoglu A, Acıkgöz E, Yigittürk G, Demir K, Uysal A (2018). Effects of sunitinib on immunoreactivity of vimentin, E-cadherin and S100 in kidneys of streptozotocin induced diabetic mice. *BIOTECHNIC HISTOCHEMISTRY*, 1-8. (Yayın No: 4289640)

23. Oktem G, Vatansever S, Ayla S, Uysal A, Aktas S, Karabulut B, Bilir A (2018). Effect of apoptosis and response of extracellular matrix proteins after chemotherapy application on human breast cancer cell spheroids.. *Oncol Rep*, 15(2), 335-40. (Yayın No: 4056336)
24. Rouhrazi H, Turgan N, Oktem G (2018). Zoledronic acid overcomes chemoresistance by sensitizing cancer stem cells to apoptosis. *BIOTECHNIC HISTOCHEMISTRY* (Yayın No: 4519832)
25. Alaca N, Ozbeyli D, Uslu S, Sahin HH, Yigitturk G, Kurtel H, Oktem G, Caglayan B (2017). Treatment with milk thistle extract (*Silybum marianum*), ursodeoxycholic acid, or their combination attenuates cholestatic liver injury in rats: Role of the hepatic stem cells. *The Turkish Journal of Gastroenterology*, 28(6), 476-484., Doi: 10.5152/tjg.2017.16742 (Yayın No: 4726397)
26. Acikgoz E, Aktug H, Yigitturk G, Demir K, Güven U, Duzagac F, Oltulu F, Yavasoglu A, Oktem G (2017). Repression of the Notch pathway prevents liver damage in streptozotocin-induced diabetic mice. *Folia Histochemica et Cytobiologica*, 55(3), 140-148., Doi: 10.5603/FHC.a2017.0014 (Yayın No: 5319852)
27. Erol A, Acikgoz E, Güven U, Duzagac F, Turkkani A, Çölçimen N, Oktem G (2017). Ribosome biogenesis mediates antitumor activity of flavopiridol in CD44/CD24 breast cancer stem cells. *Oncology Letters*, 14(6), 6433-6440., Doi:10.3892/ol.2017.7029 (Yayın No: 4754554)
28. Erol A, Acikgoz E, Guven U, Duzagac F, Turkkani A, Çölçimen N, Öktem G (2017). Ribosome biogenesis mediates antitumor activity of flavopiridol in CD44/CD24 breast cancer stem cells. *Oncology Letters*, 14(6), 6433-6440., Doi:10.3892/ol.2017.7029 (Yayın No: 3762585)
29. Demiray S, Yilmaz O, Tavmergen Goker EN, Tavmergen E, Camlioglu N, Soykam HO, Oktem G (2017). Expression of the bone morphogenetic protein-2 (BMP2) in the human cumulus cells as a biomarker of oocytes and embryo quality. *Journal of Human Reproductive Sciences*, 10(3), 194, Doi:10.4103/jhrs.JHRS_21_17 (Yayın No:3879429)
30. Ekizceli G, Inan Vissun S, Oktem G, Onur E, Ozbilgin MK (2017). Assessment of mTOR pathway molecules during implantation in rats. *Biotechnic Histochemistry*, 92(6), 450-458., Doi: 10.1080/10520295.2017.1350749 (Yayın No: 4071018)
31. Umul M, Cal AC, Turna B, Oktem G, Aydın HH (2016). Effect of complete hilar versus only renal artery clamping on renal histomorphology following ischemia reperfusion injury in an experimental model. *European Review for Medical and Pharmacological Sciences*, 20, 589-597. (Yayın No: 3259696)
32. Aktug H, Acikgoz E, Uysal A, Oltulu F, Oktem G, Yigitturk G, Demir K, Yavasoglu A, Bozok Cetintas V (2016). Comparison of cell cycle components apoptosis and cytoskeleton related molecules and therapeutic effects of flavopiridol and geldanamycin on the mouse fibroblast lung cancer and embryonic stem cells. *Tumor Biology*, 37(9), 12423-12440., Doi: 10.1007/s13277-016-5108-9 (Yayın No: 3092877)
33. Erguven M, Oktem G, Kara AN, Bilir A (2016). Lithium chloride has a biphasic effect on prostate cancer stem cells and a proportional effect on midkine levels. *Oncology Letters*, Doi: 10.3892/ol.2016.4946 (Yayın No: 3093712)
34. Atalayın Ç, Tezel H, Dagci T, Karabay Yavasoglu NU, Oktem

- G,Kose T (2016). In vivo performance of different scaffolds for dental pulp stem cells induced for odontogenic differentiation. *Brazilian Oral Research*, 30(1), Doi: 10.1590/1807-3107BOR-2016.vol30.0120 (Yayın No: 3091650)
35. Atalayın C,Tezel H,Dagcı T,Karabay Yavasoglu NU,Oktem G (2016). Medium modification with bone morphogenetic protein 2 addition for odontogenic differentiation. *Brazilian Oral Research*, 30(1), Doi: 10.1590/1807-3107BOR-2016.vol30.0020 (Yayın No: 3094084)
36. Bozok Cetintas V,Acikgoz E,Yigitturk G,Demir K,Oktem G,Kaymaz B,Oltulu F,Aktug H (2016). Effects of flavopiridol on critical regulation pathways of CD133^{high} CD44^{high} lung cancer stem cells. *Medicine*, 95(43), 5150, Doi: 10.1097/MD.0000000000005150 (Yayın No: 3091158)
37. Acikgoz E,Ummu G, Düzagaç F,Uslu FR,Kara M,Soner BC,Oktem G (2015). Enhanced G2 M Arrest Caspase Related Apoptosis and Reduced E Cadherin Dependent Intercellular Adhesion by Trabectedin in Prostate Cancer Stem Cells. *PLOS ONE*, 10(10), Doi: 10.1371/journal.pone.0141090 (Yayın No: 2245798)
38. Oktem G,Sahin C,Yilmaz O,Baktı Demiray S,Tavmergen Goker EN,Tavmergen E (2015). Altered Stem Cell Receptor Activity in the Ovarian Surface Epithelium by Exogenous Zinc and or Progesterone. *Drug Research*, 65(05), 252-258., Doi:10.1055/s-0034-1376975 (Yayın No: 2277609)
39. Oltulu F,Aktug H,Uysal A,Turgan N,Oktem G,Erbas O,Karabay Yavasoglu NU,Yavasoglu A (2015). Immunoexpressions of embryonic and nonembryonic stem cell markers Nanog Thy 1 c kit and cellular connections connexin 43 and occludin on testicular tissue in thyrotoxicosis rat model. *Human & Experimental Toxicology*, 34(6), 601-611., Doi: 10.1177/0960327114551392 (Yayın No: 2248525)
40. Duzagac F,Inan Vissun S,Simsek FE,Acikgoz E,Guven U,Khan S,Rouhrazi H,Oltulu F,Aktug H,Erol A,Oktem G (2015). JAK STAT pathway interacts with intercellular cell adhesion molecule ICAM and vascular cell adhesion molecule VCAM while prostate cancer stem cells form tumor spheroids. *Journal of the Balkan Union of Oncology*, 20(5), 1250-1257. (Yayın No: 2250984)
41. Goksel Ozturk G,Bilir A,Uslu FR,Akbulut H,Güven U,Oktem G (2014). WNT1 gene expression alters in heterogeneous population of prostate cancer cells decreased expression pattern observed in CD133 CD44 prostate cancer stem cell spheroids. *JBUON* (Yayın No: 2484744)
42. Soner BC,Aktug H,Acikgoz E,Duzagac F, Guven U,Ayla S,Çal AÇ,Oktem G (2014). Induced growth inhibition cell cycle arrest and apoptosis in CD133 CD44 prostate cancer stem cells by flavopiridol. *International Journal of Molecular Medicine*, Doi: 10.3892/ijmm.2014.1930 (Yayın No: 2499487)
43. Uslu S,Oktem G,Uysal A,Soner BC,Arbak S,Ince U (2014). Stem cell and extracellular matrix-related molecules increase following melatonin treatment in the skin of postmenopausal rats. *Cell Biology International*, 38(8), 924-932., Doi:10.1002/cbin.10286 (Yayın No: 3767829)
44. Oktem G,Sercan HO,Guven U,Uslu FR,Uysal AL,Goksel Ozturk G,Ayla S,Bilir A (2014). Cancer stem cell

- differentiation TGF 1 and versican may trigger molecules for the organization of tumor spheroids. *Oncology Reports*, 32(2), 641-649., Doi: 10.3892/or.2014.3252 (Yayın No: 2483690)
45. Oktem G,Bilir A,Uslu FR,Inan VS,Bakti Demiray S,Ayla S,Sercan HO,Uysal A (2014). Expression profiling of stem cell signaling alters with spheroid formation in CD133high CD44high prostate cancer stem cells. *Oncology Letters*, Doi: 10.3892/ol.2014.1992 (Yayın No: 2484370)
46. Sahin C,Yilmaz O,Demiray Bakti S, Yeniel AO,Ergenoglu AM,Demirel Sezer E,Oktem G,Tavmergen Goker EN,Tavmergen E (2014). Increased stem cell marker expressions during the peri-implantation period in the rat endometrium: constructive role of exogenous zinc and/or progesterone.. *Biomed Research International* (Yayın No: 4038336)
47. Oktem G,Karabulut B,Selvi Gunel N,Sezgin C,Sanlı UA,Uslu R,Yurtseven M,Omay SB (2014). Differential effects of doxorubicin and docetaxel on nitric oxide production and inducible nitric oxide synthase expression in MCF-7 human breast cancer cells.. *ONCOLOGY RESEARCH* (Yayın No: 4036147)
48. Ayla S,Bilir A,Soner BC,Yilmaz O,Erguven M,Oktem G (2014). Notch Signaling related Therapeutic Strategies With Novel Drugs in Neuroblastoma Spheroids. *Journal of Pediatric Hematology/Oncology*, 36(1), 37-44., Doi:10.1097/MPH.0b013e3182755c73 (Yayın No: 2484638)
49. Gasimov E,Yilmaz O,Kececi B,Oktem G (2014). Experimental remodelling of extracorporeal irradiated autogenous and allogenic patellar grafts.. *European Journal of Orthopaedic Surgery and Traumatology* (Yayın No: 4038192)
50. Biray Avci C,Sahin F,Selvi Gunel N,Aydin HH,Oktem G,Topcuoglu N,Gurkan A(2013). Protein phosphatase 2A (PP2A) has a potential role in CAPE-induced apoptosis of CCRF-CEM cells via effecting human telomerase reverse transcriptase activity. *Hematology* (Yayın No: 4037448)
51. Sahin F,Ak H,Aydin HH,Oktem G,Omay SB,Saydam G (2013). The interaction between taxoids and serine/threonine protein phosphatase activities during taxan-induced apoptosis of HL 60 leukemic cells. *Hematology* (Yayın No:4037105)
52. Uslu S,Uysal A,Bilir A,Soner BC,Oktem G (2013). Hepatic Progenitor Cell Inhibition during Embryonic Period with High Dose verapamil Liable Joint to the Cancer Therapy. *Bratislava Medical Journal-Bratislavske Lekarske Listy* (Yayın No: 4037851)
53. Aktug H,Uysal A,Yavasoglu A,Oltulu F,Akarca Dizakar SÖ,Yilmaz O,Oktem G (2013). The detrimental effects of diabetes on pluripotency determined by KLF4, SOX2, C-MYC and OCT4 immunoreactivity in rat testes. *Advances in Clinical and Experimental Medicine* (Yayın No: 4038002)
54. Oktem G,Uysal A,Oral O,Demirel SE,Olukman M,Erol A,Anette Akgür S,Bilir A (2012). Resveratrol attenuates doxorubicin induced cellular damage by modulating nitric oxide and apoptosis. *Experimental and Toxicologic Pathology*, 64(5), 471-479., Doi: 10.1016/j.etp.2010.11.001 (Yayın No: 2485336)
55. Oktem G,Sancı M,Bilir A,Yıldırım Y,Kececi SD,Ayla S,Inan VS (2012). Cancer Stem Cell and Embryonic Development Associated Molecules Contribute to Prognostic Significance in Ovarian Cancer. *International Journal of Gynecological Cancer*, 22(1), 23-29., Doi: 10.1097/IGC.0b013e31823228b2 (Yayın No: 2485777)
56. Bilir A,Erguven M,Yazihan N,Aktas AE,Oktem G,Sabancı PA (2010). Enhancement of vinorelbine induced cytotoxicity and apoptosis by clomipramine and lithium chloride in human

- neuroblastoma cancer cell line SH SY5Y. *Journal of Neuro-Oncology*, 100(3), 385-395., Doi: 10.1007/s11060-010-0209-6 (Yayın No: 2485766)
57. Demiray SB ,Ayla Ş ,Oltulu F Çavuşoğlu T, Akarca O, Yılmaz O, Erguven M, Oktem G, Bilir A, (2011), Apoptotic effects of chemotherapy in the MDAH- 2774 ovarian cancer stem cell. *Ege Journal of Medicine*
58. Akman Sezin Asık,Yagcı Rasit V,ÖKTEM GÜLPERİ (2010). Comparison of Different Agents in the Prevention of Non-steroidal Anti-inflammatory Drug-Induced Gastric Injury in Rats.*Turkish Journal Of Medical Sciences* (Yayın No: 4058909)
59. Bilir A,Erguven M,Zilan A,Oktem G,Korkmaz S,Korkmaz M (2010). Evaluation and Comparison of In Vitro Biocompatibility of Poly (Glycolic Acid) and Poly (Lactide-Co-Glycolide Acid) on Mature Spheroids of Tumorigenic and Non-Tumorigenic Cell Lines. *Turkish Journal Of Medical Sciences* (Yayın No: 4073578)
60. Erguven M,Yazıhan N,Aktas AE,Sabancı PA,Li Chiang J,Oktem G,Bilir A (2010). Carvedilol in glioma treatment alone and with imatinib in vitro. *International Journal of Oncology*, 36(4), 857-866., Doi: 10.3892/ijo_00000563 (Yayın No: 2486339)
61. Öktem G.,Altay A.B. (2009). Stem Cell and Stem in the Male Genital System Sources of the Cell. *Turkish Journal of Urology* (Yayın No: 4059157)
62. Gurkan A,Emingil G,Oktem G,Selvi Gunel N,Afacan B,Ilgenli AT,Toz H,Gul A (2009). Immunohistochemical Analysis of Inducible and Endothelial Forms of Nitric Oxide Synthase in Cyclosporin A Induced Gingival Overgrowth. *Journal of Periodontology*, 80(10), 1638-1647., Doi: 10.1902/jop.2009.090138 (Yayın No: 2486460)
63. Gurbuz Y,Sahin F,Özdedeli S,Oktem G,Biray Avcı C,Saydam G,Ozdemir O (2009). Experimental repair of rabbit segmental bone defects by using autologous bone marrow and electrical stimulation. *Turkish Journal Of Medical Sciences* (Yayın No: 4059354)
64. Oktem G,Altay AB,Turna B,Aktug H,Yavasoglu A,Yılmaz O (2009). Determination of Nitric Oxide Synthase Activity and Apoptosis of Germ Cells in Different Obstruction Models.. *ACTA HISTOCHEMICA* (Yayın No: 4036779)
65. Altay AB, Turna B,Oktem G,Aktug H,Semerci MB,Bilir A (2008). Immunohistochemical expression of Connexin 43 and Occludin in the rat testis after epididymal and vasal ligation. *FERTILITY AND STERILITY* (Yayın No: 4036955)
66. Bilir A,Erguven M,Oktem G,Özdemir A,Aktas AE,Bonavida B (2008). Potentiation of cytotoxicity by combination of imatinib and chlorimipramine in glioma.. *INTERNATIONAL JOURNAL OF ONCOLOGY* (Yayın No: 4037325)
67. Sahin, F., Celik, H. A., Aydin, H. H., Oktem, G., Omay, S. B., & Saydam, G. (2008). The interaction between taxoids and serine/threonine protein phosphatase activities during taxan-induced apoptosis of HL 60 leukemic cells. *Hematology (Amsterdam, Netherlands)*, 13(4), 215–223
68. Uysal A,Oktem G,Yılmaz O,Uslu S,Aktug H, Yurtseven M (2008). Quantitative Immunohistochemical Analysis of Nitric Oxide Synthases and Apoptosis Regulator Proteins in the Fetal Rat Brain Following Maternal Uterine Artery Ligation. *International Journal of Neuroscience*, 118(6), 891-901., Doi: 10.1080/00207450701769364 (Yayın No: 2486859)

69. Uslu S,Uysal A,Oktem G,Yurtseven M,Tanyalçın T,Basdemir G (2007). Constructive effect of exogenous melatonin against osteoporosis after ovariectomy in rats. *ANALYTICAL AND QUANTITATIVE CYTOLOGY AND HISTOLOGY*, 29(5), 317-325. (Yayın No:2487307)
70. Ergun MO,Ergun G,Oktem G,Selvi Gunel N,Dogan YH,Tuncyurek M,Saydam G,Erdener HA (2007). Enteral resveratrol supplementation attenuates intestinal epithelial inducible nitric oxide synthase activity and mucosal damage in experimental necrotizing enterocolitis. *Journal of Pediatric Surgery*, 42(10), 1687-1694., Doi: 10.1016/j.jpedsurg.2007.05.024 (Yayın No: 2487776)
71. Altınöz Meriç A,Bilir A,Gedikoglu G,Ozcan E,Oktem G (2007). Medroxyprogesterone and tamoxifen augment anti-proliferative efficacy and reduce mitochondriotoxicity of epirubicin in FM3A tumor cells in vitro.. *CELL BIOLOGY INTERNATIONAL* (Yayın No:4036509)
72. Ozmen T,Oktem G,Tuna S,Biltekin B,Denir S,Bilir A (2006). Different doses of radiation on agar colony forming development in C6 glioma cells: Assessment by Thymidine labeling index, and BrdU labeling index. *Turkish Journal Of Medical Sciences* (Yayın No: 4059013)
73. Turgut M,Oktem G,Uysal A,Yurtseven M (2006). Immunohistochemical profile of transforming growth factor 1 and basic fibroblast growth factor in sciatic nerve anastomosis following pinealectomy and exogenous melatonin administration in rats. *Journal of Clinical Neuroscience*, 13(7), 753-758., Doi: 10.1016/j.jocn.2005.07.019 (Yayın No:2488188)
74. Oktem G,Uslu S,Vatansever HS,Aktug H,Yurtsever M,Uysal A (2006). Evaluation of the relationship between inducible nitric oxide synthase iNOS activity and effects of melatonin in experimental osteoporosis in the rat. *Surgical and Radiologic Anatomy*, 28(2), 157-162., Doi: 10.1007/s00276-005-0065-9 (Yayın No: 2488308)
75. Oktem G,Bilir A,Selvi Gunel N,Yurtseven M,Vatansever HS,Uysal AY,Omay SB (2006). Chemotherapy influences inducible nitric oxide synthase iNOS and endothelial nitric oxide synthase eNOS activity on 3D breast cancer cell line. *ONCOLOGY RESEARCH*, 16(4), 195-203. (Yayın No: 2489004)
76. Oktem G,Bilir A,Ayla S,Yavasoglu A,Goksel Ozturk G,Saydam G,Uysal A (2006). Role of intercellular communications in breast cancer multicellular tumor spheroids after chemotherapy.. *ONCOLOGY RESEARCH* (Yayın No: 4036626)
77. Turgut M,Oktem G,Uslu S,Yurtseven M,Aktug H,Uysal A (2006). The effect of exogenous melatonin administration on trabecular width ligament thickness and TGF 1 expression in degenerated intervertebral disk tissue in the rat. *Journal of Clinical Neuroscience*, 13(3), 357-363., Doi: 10.1016/j.jocn.2005.03.037 (Yayın No: 2488483)
78. Oktem G,Vatansever HS,Ayla S,Uysal A,Aktas S,Karabulut B,Bilir A (2006). Effect of apoptosis and response of extracellular matrix proteins after chemotherapy application on human breast cancer cell spheroids. *ONCOLOGY REPORTS*, 15(2), 335-340. (Yayın No: 2488728)
79. Turgut M,Uysal A,Pehlivan M,Oktem G,Yurtseven M (2005). Assessment of effects of pinealectomy and exogenous melatonin administration on rat sciatic nerve suture repair an electrophysiological electron microscopic and immunohistochemical study. *Acta Neurochirurgica*, 147(1), 67-77., Doi: 10.1007/s00701-004-0426-x (Yayın No:2489350)

80. Saydam G,Aydın HH,Sahin F,Selvi Gunel N,Oktem G,Buyukkececi F,Omay SB (2003).
Involvement of protein phosphatase
2A in interferon 2b induced apoptosis in K562 human chronic myelogenous leukaemia cells.
Leukemia Research, 27(8), 709-717., Doi: 10.1016/S0145-2126(02)00347-8 (Yayın No: 2490057)
81. Omay SB,Saydam G,Aydın HH,Selvi Gunel N,Oktem G,Sanlı UA,Tobu M,Büyükkeçeci F (2003).
Potential involvement of calcineurin in regulating the state of differentiation and apoptosis of
HL-60 cells during methylprednisolone-treatment. Turkish Journal of Hematology (Yayın No:
4058760)