

PUBLICATIONS

Manuscripts:

1. Cil A, Bang H, **Oktay K**. Age-specific probability of livebirth after oocyte cryopreservation: An individual patient data meta-analysis. *Fertil Steril* 2013, *In Press*.
2. Bedoschi G, Turan V, **Oktay K**. Fertility preservation options in women with endometriosis. *Minerva Ginecol*. 2013 Apr;65(2):99-103. PMID:23598777.
3. Bedoschi G, **Oktay K**. Current approach to fertility preservation by embryo cryopreservation. *Fertil Steril*. 2013 Mar 24. doi:pii: S0015-0282(13)00421-4. 10.1016/j.fertnstert.2013.03.020. [Epub ahead of print] PMID:2353550.
4. Titus S, Li F, Stobezki R, Akula K, Unsal E, Jeong K, Dickler M, Robson M, Moy F, Goswami S, **Oktay K**. Impairment of BRCA1-Related DNA Double-Strand Break repair leads to ovarian aging in mice and humans. *Sci Transl Med*. 2013 Feb 13;5(172):172ra21. doi: 10.1126/scitranslmed.3004925. PMID: 23408054
5. Lin WT, Beattie M, Chen LM, **Oktay K**, Crawford SL, Gold EB, Cedars M, Rosen M. Comparison of age at natural menopause in BRCA1/2 mutation carriers with a non-clinic-based sample of women in northern California. *Cancer*. 2013 Jan 29. doi: 10.1002/cncr.27952. [Epub ahead of print] PMID: 23362014
6. Kim J, **Oktay K**. Baseline E(2) levels are higher in BRCA2 mutation carriers: a potential target for prevention? *Cancer Causes Control*. 2012 Dec 28. [Epub ahead of print] PMID: 23271408
7. Babayev SN, Arslan E, Kogan S, Moy F, **Oktay K**. Evaluation of ovarian and testicular tissue cryopreservation in children undergoing gonadotoxic therapies. *J Assist Reprod Genet*. 2012 Dec 15. [Epub ahead of print] PMID: 23242649
8. Reddy J, **Oktay K**. Ovarian stimulation and fertility preservation with the use of aromatase inhibitors in women with breast cancer. *Fertil Steril*. 2012 Dec;98(6):1363-9. doi: 10.1016/j.fertnstert.2012.09.022. Epub 2012 Oct 9. PMID: 23058686
9. Rodriguez-Wallberg KA, **Oktay K**. Fertility Preservation and Pregnancy in Women With and Without BRCA Mutation-Positive Breast Cancer. *Oncologist*. 2012;17(11):1409-17. doi: 10.1634/theoncologist.2012-0236. Epub 2012 Sep 24. PMID: 23006497

10. Lee S, **Oktay K**. Does higher starting dose of FSH stimulation with letrozole improve fertility preservation outcomes in women with breast cancer? *Fertil Steril*. 2012 Oct;98(4):e1 . doi: 10.1016/j.fertnstert.2012.06.015. Epub 2012 Jul 6. PMID: 22771027
11. Ozkaya E, San Roman G, **Oktay K**. Luteal phase GnRHa trigger in random start fertility preservation cycles. *J Assist Reprod Genet*. 2012 Jun;29(6):503-5. Doi: 10.1016/j.bpobgyn.2012.01.001. Epub 2012 Apr 11. No abstract available. PMID: 22492220
12. Rodriguez-Wallberg KA, **Oktay K**. Recent advances in oocyte and ovarian tissue cryopreservation and transplantation. *Best Pract Res Clin Obstet Gynaecol*. 2012 Jun;26(3):391-405. doi: 10.1016/j.bpobgyn.2012.01.001. Epub 2012 Feb 1. Review. PMID: 22301053
13. Jeong K, Aslan E, Ozkaya E, Sonmezer M, **Oktay K**. Ovarian cryopreservation
Minerva Med. 2012 Feb;103(1):37-46. Review. PMID: 22278067
14. Kim J, **Oktay K**, Gracia C, Lee S, Morse C, Mersereau JE. Which patients pursue fertility preservation treatments? A multicenter analysis of the predictors of fertility preservation in women with breast cancer. *Fertil Steril*. 2012 Mar;97(3):671-6. doi: 10.1016/j.fertnstert.2011.12.008. Epub Jan 4. PMID: 22222194
15. Rodriguez-Wallberg KA, **Oktay K**. Options on fertility preservation in female cancer patients. *Cancer Treat Rev*. 2012 Aug;38(5):354-61. doi: 10.1016/j.ctrv.2011.10.002. Epub 2011 Nov 9. Review. PMID: 22078869
16. Zamah AM, Mauro MJ, Druker BJ, **Oktay K**, Egorin MJ, Cedars MI, Rosen MP. Will imatinib compromise reproductive capacity? *Oncologist*. 2011;16(10):1422-7. doi: 10.1634/theoncologist2011-0137. Epub 2011 Sep 23. PMID:21948652
17. Soleimani R, Heytens E, Darzynkiewicz Z, **Oktay K**. Mechanisms of chemotherapy-induced human ovarian aging: double strand DNA breaks and microvascular compromise. *Aging (Albany NY)*. 2011 Aug;3(8):782-93. PMID: 21869459
18. Letourneau JM, Ebbel EE, Katz PP, **Oktay K**, McCulloch CE, Ai WZ, Chien AJ, Melisko ME, Cedars MI, Rosen MP. Acute ovarian failure underestimates age-specific reproductive impairment for young women undergoing chemotherapy for cancer. *Cancer*. 2012 Aug 17. doi: 10.1002/cncr.26403. [Epub ahead of print]
19. Lee S, Ozkavukcu S, Heytens E, Moy F, Alappat RM, **Oktay K**. Anti-Mullerian hormone and antral follicle count as predictors for embryo/oocyte

cryopreservation cycle outcomes in breast cancer patients stimulated with letrozole and follicle stimulating hormone. *J Assist Reprod Genet.* 2011 May 4. [Epub ahead of print]

20. Soleimani R, Heytens E, **Oktay K**. Enhancement of neoangiogenesis and follicle survival by sphingosine-1-phosphate in human ovarian tissue xenotransplants. *PLoS One.* 2011 Apr 29;6(4):e19475.
21. Heytens E, Moy F, Ozkavukcu S, **Oktay K**. Determinants of access to fertility preservation in women with breast cancer. *Lee S, Fertil Steril.* 2011 Mar 2. [Epub ahead of print]
22. Sönmezer M, Türkçüoğlu I, Coşkun U, **Oktay K**. Random-start controlled ovarian hyperstimulation for emergency fertility preservation in letrozole cycles. *Fertil Steril.* 2011 Feb 2. [Epub ahead of print]
23. **Oktay K**, Goswami S, Darzynkiewicz Z. Manipulating Ovarian Aging: A New Frontier in Fertility Preservation. *Aging (Albany NY).* 2011 Jan;3:19-21.
24. Rodriguez-Wallberg KA, **Oktay K**. Fertility preservation in women with breast cancer. *Clin Obstet Gynecol.* 2010 Dec;53(4):753-62.
25. Oktem O and **Oktay K**. Preantral follicle growth is regulated by c-Jun-N-Terminal Kinase (JNK) pathway. *Reprod Sci.* 2010, Oct 19 [Epub ahead of print] PMID: 20959642.
26. Lee S, Ozkavucu S, Heytens E, Moy F, **Oktay K**. Value of early referral to fertility preservation in young women with breast cancer. *J Clin Oncol.* 2010, Sep 27. [Epub ahead of print] PMID: 20876425.
27. **Oktay K**, Türkçüoğlu I, Rodriguez-Wallberg KA. Four spontaneous pregnancies and three live births following subcutaneous transplantation of frozen banked ovarian tissue: What is the explanation? *Fertil Steril.* 2010, Aug 27. [Epub ahead of print] PMID: 20801441.
28. Rodriguez-Wallberg KA, **Oktay K**. Fertility preservation medicine: Options for young adults and children with cancer. *J Pediatr Hematol Oncol.* 2010, Jul;32(5):390-6. PMID:20502358.
29. Sonmezer M, Cil AP, Oktem O, **Oktay K**. Breast cancer diagnosis following ovarian stimulation: Are the tumors different? *Reprod Biomed Online.* 2010 May 31. [Epub ahead of print] PMID: 20615755.
30. **Oktay K**, Turkcuoglu I, Rodriguez-Wallberg KA. GnRH agonist trigger for women with breast cancer undergoing fertility preservation by aromatase

inhibitor/FSH stimulation. *Reprod Biomed Online* 2010, March 6 [Epub ahead of print].

31. **Oktay K**, Buyuk E, Rodriguez-Wallberg KA, Sahin G. In vitro maturation improves oocyte or embryo cryopreservation outcome in breast cancer patients undergoing ovarian stimulation for fertility preservation. *Reprod Biomed Online*. 2010 May;20(5):634-638. Epub 2010, Feb 1. PMID: 20219430.
32. **Oktay K**, Rodriguez-Wallberg KA, Sahin G. Fertility preservation by ovarian stimulation and oocyte cryopreservation in a 14-year-old adolescent with Turner syndrome mosaicism and impending premature ovarian failure. *Fertil Steril*. 2010, Feb 24. [Epub ahead of print]
33. Purushothaman R, Lazareva O, **Oktay K**, Ten S. Markers of ovarian reserve in young girls with Turner's syndrome. *Fertil Steril*. 2010, Jan 22. [Epub ahead of print] PMID: 20097335 [PubMed - as supplied by publisher]
34. Sonmezer M, Cil AP, **Oktay K**. Ongoing pregnancies from early retrieval of prematurely developing antral follicles after DHEA supplementation. *Reprod Biomed Online*. 2009 Dec; 19(6):816-9. PMID: 20031022 [PubMed – in process]
35. **Oktay K**, Kim JY, Barad D, Babayev S. Association of BRCA1 Mutations with Occult Primary Ovarian Insufficiency: A Possible Explanation for the Link between Infertility and Breast/Ovarian Cancer Risks. *J Clin Oncol*, 2010, Jan 10;28(2):240-4. Epub 2009 Dec 7.
36. Oktem and **Oktay K**. Stem cells and reproductive medicine. *Minerva Ginecol* 2009 Aug;61(4):247-52.
37. Oktay K, Sonmezer M. Gonadotropin-releasing hormone agonists for prevention of chemotherapy-induced ovarian damage: prospective randomized study: Badawy A, Elnashar A, El-Ashry M et al *Fertil Steril* 2009; 91:694-697. *Reviewed in Breast Diseases: A Year Book Quarterly* 2009; 20(4):458-460.
38. **Oktay K**, Rodriguez-Wallberg K, Schover L. Preservation of fertility in patients with cancer. *N Engl J Med*. 2009 Jun 18;360(25):2681; author reply 2682-3. PMID: 19537324
39. **Oktay K**, Sönmezer M. Questioning GnRH analogs for gonadal protection in cancer patients. *Fertil Steril*. 2009 Aug;92(2):e32; author reply e34.
40. **Oktay K**, Sonmezer M, Oktem O. Fertility preservation medicine: A new field in the care of young cancer survivors-response (Author Reply). *Pediatr Blood Cancer*. 2009 Jul 8. [Epub ahead of print]

41. **Okday K**, Oktem O. Fertility preservation medicine: A new field in the care of young cancer survivors. *Pediatr Blood Cancer*. 2009 Mar 19. [Epub ahead of print] PMID: 19301406 [PubMed – as supplied by publisher].
42. Oktem O, **Okday K**. Current knowledge in the renewal capability of germ cells in the adult ovary. *Birth Defects Res C Embryo Today*. 2009 Mar 20; 87(1): 90-95. [Epub ahead of print] PMID: 19306347 [PubMed – as supplied by publisher].
43. Akar M and **Okday K**. Falling FSH levels predict poor IVF pregnancy rates in patients whom the gonadotropins are withheld. *Archives of Gynecology and Obstetrics*. 2009: In Press.
44. Young S, Bang H, **Okday K**. Cereal-induced gender selection? Most likely a multiple testing false positive. *Proc Biol Sci*. 2009 Jan 13. [Epub ahead of print] No abstract available. PMID: 19141426 [PubMed – as supplied by publisher].
45. Roberts JE, Nikolopoulos SN, Oktem O, Giancotti F, **Okday K**. Integrin beta-4 signaling plays a key role in mouse embryogenesis. *Reprod Sci*. 2008 Dec 15. [Epub ahead of print] PMID: 19087978 [PubMed – as supplied by publisher].
46. **Okday K**, Sonmezer M, Barad D, Gleicher N. Trying to reduce ovarian damage in patients with Hodgkin lymphoma using GnRH agonists? *Fertil Steril* 2008 Nov 29. [Epub ahead of print]. PMID: 19046580 [PubMed – as supplied by publisher].
47. **Okday K**, and Oktem, O. Ovarian cryopreservation and transplantation for medical indications: Report of an ongoing experience. *Fertil Steril*. 2008 Nov 13. [Epub ahead of print] PMID: 19013568 [PubMed - as supplied by publisher]
48. Sönmezer M, **Okday K**. Assisted reproduction and fertility preservation techniques in cancer patients. *Curr Opin Endocrinol Diabetes Obes*. 2008 Dec; 15(6): 514-22. PM ID: 18971680 [PubMed – in progress].
49. **Okday K**, Ozgur Oktem. Ovarian cryopreservation and transplantation for medical indications: report of an ongoing experience. *Fertil Steril* 2008 Nov 13 [Epub ahead of print] PMID: 19013568 [PubMed – as supplied by publisher].
50. **Okday K**. Integrin Beta-4 Signaling Plays a Key Role in Mouse Embryogenesis. *Reproductive Sciences* 2008 August 23 [In Press].
51. **Okday K**, Sönmezer M. Gonadotropin-releasing hormone analogs in fertility preservation-lack of biological basis? *Nat Clin Pract Endocrinol Metab*. 2008 Jul 15; [Epub ahead of print] PMID: 18628732 [PubMed – as supplied by publisher].

publisher].

52. Azim A, Costantini-Ferrando, **Oktay K**. Safety of Fertility Preservation by Ovarian Stimulation with Letrozole and Gonadotropins in Breast cancer Patients: A prospective controlled study. *J Clin Oncol* 2008 June 1;26(16):2630-5.
53. Sonmezer M, Bang H, **Oktay K**. Can GnRH analogues preserve gonadal function without preserving fertility? *Oncologist* 2008 May; 13(5):615-7.
54. **Oktay K** & Cil AP. Who is the best candidate for oocyte cryopreservation research? *Fertil Steril* 2008, Apr 26 [Epub ahead of print].
55. **Oktay K**, Buyuk E, Öktem Ö, Oktay M, Giancotti F. Jun Amino Terminal Kinase (JNK) regulates G2/M transition through a mechanism upstream of Aurora-B. *Cell Cycle* 2008 Feb 15; 7(4); 533-541 [Epub ahead of print].
56. Oktem O, **Oktay K**. Stem cells: a perspective on oocytes. *Ann N Y Acad Sci* 2008 Apr; 1127:20-6.
57. Oktem O, **Oktay K**. The ovary: Anatomy and function throughout human life. *Ann NY Acad Sci* 2008 Apr; 1127:1-9.
58. Reh A, Oktem O, **Oktay K**. Impact of breast cancer chemotherapy on ovarian reserve: a prospective observational analysis by menstrual history and ovarian reserve markers. *Fertil Steril*. 2007 Dec 29; [Epub ahead of print].
59. Bhangoo A, Buyuk E, **Oktay K**, Ten S. Phenotypic features of 46, XX females with STAR protein mutations. *Pediatr Endocrinol Rev*. 2007 Dec;5(2):633-41.
60. **Oktay K**, Sönmezer M. Fertility issues and options in young women with cancer. *Recent Results Cancer Res*. 2008;178:203-24.
61. **Oktay K** & Meirow D. Effects of cancer therapy on fertility and reproduction. *Sexuality, Reproduction, and Menopause*, 2007 5(1):17-21.
62. Öktem Ö and **Oktay K**. A Novel Ovarian Xenografting Model to Characterize the Impact of Chemotherapy Agents on Human Primordial Follicle Reserve. *Cancer Res*. 2007 Nov 1; 67(21): 10159-61.
63. Öktem Ö and **Oktay K**. Quantitative Assessment of the Impact of Chemotherapy on Ovarian Follicle Reserve and Stromal Function. *Cancer*. 2007 Oct 11; 110(10): 2222-2229. [Epub ahead of print].

64. **Oktay K**, Sönmezer M, Öktem Ö, Fox K, Emons G, Bang H. Absence Of The Conclusive Evidence For The Safety And Efficacy Of The Gonadotropin Releasing Hormone Analog Treatment In Protecting Against Chemotherapy-Induced Gonadal Injury. *Oncologist*. 2007 Sep; 12(9): 1056-66.
65. **Oktay K** and Sönmezer M. Fertility Preservation in Gynecologic Cancers. *Curr Opin Oncol*. 2007 Sep; 19(5): 506-11.
66. Oktem Ö, **Oktay K**. The Role Of Extracellular Matrix *And* Activin-A In *In Vitro* Growth And Survival Of Murine Preantral Follicles. *Reprod Sci*. 2007 May; 14(4): 358-66.
67. **Oktay K** and Oktem Ö. Regeneration of Oocytes Post-chemotherapy: Connecting the Evidence from Mouse to Human. *J Clin Oncol* 2007 Aug 1;25(22):3185-7.
68. **Oktay K**, Demirtas E, Son W-Y, Lostritto K, Chian R-C, Tan S-L. In Vitro Maturation Of Germinal Vesicle Oocytes Recovered Post-Premature LH Surge: Description Of A Novel Approach To Fertility Preservation. *Fertil Steril*, 2007 May 19; [Epub ahead of print].
69. Azim A & **Oktay K**. Letrozole for ovulation induction and fertility preservation by embryo cryopreservation in young women with endometrial carcinoma. *Fertil Steril*, 2007 Aprn9; [Epub ahead of print]
70. **Oktay K**, Azim A, Constantini-Ferando M, Lostritto K. Relative Potency of Anastrozole Versus Letrozole to Supress Estradiol in Breast Cancer Patients Undergoing Ovarian Stimulation Before IVF, *J Clin Endocrinol Metab* 2007 Mar 13; [Epub ahead of print]
71. Oktem O, Paduch D, Xu KP, Mielnik A, **Oktay K**. Normal Female Phenotype and Ovarian Development Despite the Ovarian Expression of Sex Determination Region of Y Chromosome (SRY) in 46, XX/69, XXY Diploid/Triploid Mosaic Child Conceived After IVF-ICSI. *J Clin Endocrinol Metab*, 2007 Mar; 92(3): 1008-14. Epub 2006 Dec.12.
72. Martin JR, Kodaman P, **Oktay K**, Taylor H. Ovarian Cryopreservation with Transposition of a Contralateral Ovary: A Combined Approach for Fertility Preservation in Women Receiving Pelvic Radiation. *Fertil Steril*. 2007 Jan; 87(1): 189. e5-7. Epub 2006 Nov 1:
73. **Oktay K**, Oktem O, Reh A, Vahdat L. Measuring the Impact of Chemotherapy on Fertility in Women with Breast Cancer. *J Clin Oncol*. 2006 Aug 20; 24(24): 4044-6.
74. **Oktay K**, Hourvitz A, Sahin G, Oktem O, Safro B, Cil A, Bang H. Letrozole

Reduces Estrogen and Gonadotropin Exposure in Women with Breast Cancer Undergoing Ovarian Stimulation Before Chemotherapy. *J Clin Endocrinol Metab* 2006 Oct; 91(10): 3885-90. Epub 2006 Aug 1.

75. **Oktay K**, Cil A, Bang H. The Efficiency of Oocyte Cryopreservation: A Meta-Analysis. *Fertil Steril*. 2006 Jul; 86(1): 70-80.
76. **Oktay K**. An Individualized Approach to Fertility Preservation in Women with Cancer. *J Support Oncol*. 2006 Apr; 4(4): 181-2, 184.
77. Lee SJ, Schover LR, Partridge AH, Patrizio P, Wallace WH, Hagerty K, Beck LN, Brennan LV, **Oktay K**. American Society of Clinical Oncology Recommendations on Fertility Preservation in Cancer Patients. *J Clin Oncol*. 2006 Jun 20; 24(18): 2917-31. Epub May 1.
78. **Oktay, K**. Spontaneous conceptions and live birth after heterotopic ovarian transplantation: is there a germline stem cell connection? *Hum Reprod*. 2006 Jun; 21(6): 1345-8. Epub 2006 Feb 3.
79. Sonmezer M & **Oktay K**. Fertility Preservation in Young Women Undergoing Breast Cancer Therapy. *The Oncologist*. 2006 May; 11(5): 422-34.
80. **Oktay K**. Options for preservation of fertility in women. *N Engl J Med*. 2005 Sep 29; 353(13): 1418-20.
81. Akar M & **Oktay K**. Restoration of ovarian endocrine function by ovarian transplantation. *Trends Endocrinol Metab*. 2005 Oct; 16(8): 374-80.
82. Shamonki MI, **Oktay K**. Oocyte and ovarian tissue cryopreservation: indications, techniques, and applications. *Semin Reprod. Med*. 2005 Aug; 23(3): 266-76.
83. Sonmezer M, Shamonki MI, **Oktay K**. Ovarian tissue cryopreservation: benefits and risks. *Cell Tissue Res*. 2005 Oct; 322(1): 125-32. Epub 2005 Nov 3.
84. **Oktay K**. Further evidence on the safety and success of ovarian stimulation with Letrozole and Tamoxifen in breast cancer patients undergoing IVF to cryopreserve their embryos for fertility preservation. *J Clin Oncol*. 2005 Jun 1; 23(16): 3858-9.
85. **Oktay K**. Fertility preservation: an emerging discipline in the care of young patients with cancer. *Lancet Oncol*. 2005 Apr; 6(4): 192-3.
86. **Oktay K**. Successful human ovarian autotransplantation to the upper arm. *Cancer*. 2005 May; 103(9): 1982-3.

87. Roberts J & **Oktay K**. Fertility preservation: a comprehensive approach to the young woman with cancer. *J Natl Cancer Inst Monogr*. 2005;(34): 57-9.
88. Sonmezer M, Shamonki MI & **Oktay K**. Ovarian tissue cryopreservation: benefits and risks. *Cell Tissue Res*. 2005 Oct; 322(1): 125-32. Epub 2005 Nov 3.
89. **Oktay K**, Buyuk E, Libertella N, Akar M & Rosenwaks Z. Fertility preservation in breast cancer patients: a prospective comparison of ovarian stimulation with tamoxifen and letrozole for embryo cryopreservation. *J Clin Oncol*. 2005 Jul 1; 23(19): 4347-53.
90. **Oktay K**, & Tilly J. Live birth after cryopreserved ovarian tissue autotransplantation. *Lancet*, 2004; Dec 11-17; 364(9451): 2091-2.
91. Anonymous; ASRM Practice Committee report on ovarian tissue and oocyte cryopreservation. *Fertil Steril*, 2004; 82:993-998.
92. Sonmezer M & **Oktay K**. Fertility preservation in Female Cancer Patients. *Human Reproduction Update*. 2004 May-Jun; 10(3): 251-66.
93. **Oktay K**, & Buyuk E. Ovarian transplantation in humans: indications, techniques and the risk of reseeded cancer. *Eur J Obstet Gynecol Reprod Biol*. 2004 Apr 5; 113 Suppl: S45-7.
94. **Oktay K**, Buyuk E, Veeck L, Zaninovic N, Xu K, Takeuchi T, Opsahl M & Rosenwaks Z. Embryo development after heterotopic transplantation of cryopreserved ovarian tissue. *Lancet*. March 13, 2004; 363(9412) 837-840. Epub 2004 March 9.
95. **Oktay K**, & Sonmezer M. Fertility preservation, not just cryopreservation. *human reprod*. 2004 Mar; 19(3):477-80. Epub 2004 Jan 29.
96. **Oktay K** & Oktay M. Immunohistochemical analysis of tyrosine phosphorylation, and AP-1 transcription factors c-Jun, Jun D and Fos family during early ovarian follicle development in the mouse. *Appl Immunohistochem Mol Morphol*. 2004 Dec.;12(4): 364-369.
97. Bayrak A & **Oktay K**. The expression of cyclin-dependent kinase inhibitors p15, p16, p21, and p27 during ovarian follicle growth initiation in the mouse. *Reprod Biol Endocrinol*. 2003 May 7;1(1):41. Epub 2003 May 7.
98. **Oktay K**, Buyuk E, Rosenwaks Z, Rucinski J. A technique for transplantation of ovarian cortical strips to the forearm. *Fertil Steril*. 2003 Jul; 80(1):193-8.
99. **Oktay K**, Buyuk E, Davis O, Yermakova I, Veeck L, Rosenwaks Z. Fertility

preservation in breast cancer patients: In vitro fertilization and embryo cryopreservation after ovarian stimulation with tamoxifen. *Human Reprod* 2003 Jan; 18(1):90-5.

100. Oktay M, **Oktay K**, Buyuk A, Hamele-Bena D, Koss LG. Focal adhesion kinase (FAK) as a marker of malignant phenotype in breast and cervical carcinoma. *Human Pathol.* 2003 Mar; 34(3): 240-5.
101. **Oktay K**. Fertility preservation in female cancer patient, *CME J Gynecol Oncol* 2003; 8:139-142.
102. **Oktay K** & Buyuk, E. The potential of ovarian transplant to preserve fertility. *Expert Opin Biol Ther.* 2002 Apr; 2(4):361-70.
103. **Oktay K**. Evidence for limiting ovarian tissue harvesting for the purpose of ovarian transplantation to women younger than 40 years of age. *J Clin Endocrinol Metab.* 2002 Apr; 87(4): 1907-8.
104. **Oktay K**. Autologous transplantation of whole ovaries vs. ovarian cortical strips. *JAMA* 287: 44-45, 2002.
105. **Oktay K**. Ovarian Cryopreservation and transplantation: experience with the first five cases. *Infert Reprod Med Clin N Am*, 2002, 13:523-537.
106. **Oktay K**, & Yih M. Preliminary experience with orthotopic and heterotopic transplantation of ovarian cortical strips. *Semin Reprod Med.* 2002 Feb; 20(1):63-74.
107. **Oktay K**. Ovarian cryopreservation and transplantation: Preliminary findings and implications for cancer patients. *Hum Reprod Update*, 2001 Nov-Dec; 7:526-34.
108. **Oktay K**, Economos K, Rucinski J, Kan M, Veeck L, Rosenwaks Z. Endocrine function and oocyte retrieval after autologous transplantation of ovarian cortical pieces to the forearm. *JAMA*, 2001 Sep 26: 286:1490-1493.
109. **Oktay K**, Karlikaya G, Aydin B. A technique for laparoscopic transplantation of frozen-banked ovarian tissue. *Fertil Steril.* 2001 Jun; 75(6): 1212-6.
110. **Oktay K**, Kan M, Rosenwaks Z. Recent progress in oocyte and ovarian tissue cryopreservation. *Curr Opin Obstet Gynecol.* 2001 Jun; 13(3): 263-8.
111. Gosden RG, Tan SL, **Oktay K**. Oocytes for late starters and posterity: are we on to something good or bad? *Fertil Steril.* 2000 Nov; 74(5): 1057-8.
112. **Oktay K**, Berkowitz P, Berkus M, Schenken RS, Brzyski RG. The

reincarnation of an old question-Clomid effect on oocyte and embryo? Fertil Steril. 2000 Aug; 74(2): 422-3.

113. **Oktay K**, Karlikaya G, Akman O, Ojakian G, Oktay M. Interaction of Extracellular Matrix and Activin-A in the initiation of follicle growth in the mouse. Biol Reprod. Aug 2000 Aug; 63(2):457-61.
114. **Oktay K**, and Karlikaya G. Ovarian function after autologous transplantation of frozen-banked human ovarian tissue. N Engl J Med. 2000 Jun 22; 342(25): 1919.
115. **Oktay K**, Newton H, Gosden RG. Transplantation of cryopreserved human ovarian tissue results in follicle growth in SCID mice. Fertil Steril. 2000 Mar; 73(3): 599-603.
116. **Oktay K**, Karlikaya G, Aydin BA. Ovarian tissue cryopreservation and transplantation: basic aspects. Mol Cell Endocrinol, 2000 Nov 27; 169(1-2): 105-108.
117. Faddy M, Gosden RG, **Oktay K**, Nelson JF. Factoring in complexity and oocyte memory-Can transformations and cyperpathology distort reality? Fertil Steril. 1999 Jun; 71(6): 1170-2.
118. **Oktay K**. Endocrine function in transplanted ovaries? Fertil Steril 1999 Feb;71(2):385-386.
119. **Oktay K**, Newton H, Mullan J and Gosden R. Development of human primordial follicles to antral stages in SCID/*hpg* mice stimulated with follicle stimulating hormone. Human Reprod. 1998 May; 13(5): 1133-8.
120. **Oktay K**, Newton H, Aubard Y and Gosden RG: Cryopreservation of immature human oocytes and ovarian tissue: an emerging technology? Fertil Steril. 1998 Jan; 69(1):1-7.
121. **Oktay K**. New horizons in assisted reproductive technologies. Assisted Reproduction Reviews, 8:51-54, 1998.
122. **Oktay K**, Briggs D and Gosden RG. Ontogeny of FSH receptor gene expression in isolated human ovarian follicles. J Clin Endoc Metabol. 1997 Nov; 82(11): 3748-51.
123. **Oktay K**, Nugent D, Newton H, Salha O, Chattergee P and Gosden R. Isolation and characterization of primordial follicles from fresh and cryopreserved human ovarian tissue. Fertil Steril. 1997 Mar; 67(3): 481-6.
124. Gosden RG, **Oktay K**, Radford JA and Rutherford AJ. Ovarian tissue banking

(CD-ROM). Human Reproduction Update, 3:297, 1997.

125. **Oktay K**, Reyna JS and Schenken RS: Laparoscopic treatment of accessory ureterocele in a patient with Mullerian aplasia. *Gynecol Surg.* 12:271-274, 1996.
126. Burns WN, **Oktay K**, Tekmal R, Nelson JF and Schenken RS: Diminished alpha-inhibin messenger RNA in IVF-ET poor responders reflects declining follicular reserve. *Fertil Steril.* 1996 Feb; 65(2): 394-9.
127. Aubard Y, Newton H, **Oktay K**, and Gosden RG: Congelation folliculaire et autogreffe. Une nouvelle methode de procreation medicalement assistee? (*French*) *Presse Med.* 1996 Jun 8; 25(20): 921-3.
128. Gosden RG, **Oktay K**, Mullan J and Jenner L: *In vitro* maturation of human oocytes: Basic aspects. Symposium on the ovary: Dysfunction and Treatment. *Excerpta Medica Int Cong Ser.* 1106:149-158, 1996.
129. **Oktay K**, Schenken RS and Nelson JF: Proliferating Cell Nuclear Antigen (PCNA) marks the initiation of follicular growth in the rat. *Biol Reprod.* 1995 Aug; 53(2): 295-301.
130. **Oktay K**, Brzyski RG, Miller E and Krugman D: Association of serum beta-hCG levels with myosalpingeal invasion and viable trophoblast mass in tubal pregnancy. *Obstet Gynecol.* 1994 Nov; 84(5): 803-6.
131. **Oktay K**. Protein C: Structure, physiology and role in thrombotic disease. (*Turkish*) *Yeni Tip J Med.* 3(5): 66-68, 1986.

Books & Chapters:

1. **Oktay K** & Buyuk E. *Frontiers in Fertility*. In: Nezhath's Operative Gynecologic Laparoscopy with Hysteroscopy. Nezhath C, Nezhath F, Nezhath C (Eds). Cambridge University Press, 2013.
2. Kenny Rodriguez-Wallberg and **Oktay K**. *Fertility Preservation in Breast Cancer*. In: *Fertility Preservation in the Man with Cancer*. Mulhall et al (Eds). Cambridge University Press, Cambridge, UK, 2011.
3. Buyuk E, Oktem O, Sonmezer O, **Oktay K**. *Ovarian Tissue Cryopreservation and Transplantation*. *Textbook of Assisted Reproductive Techniques- Laboratory and Clinical Perspectives*. Gardner DK, Weisman A, Howles CM, and Shooham Z (Eds). Taylor & Francis, Parthenon Publishing Group, 2009.
4. Azim A & **Oktay K**. *Frontiers in Fertility*. In: Nezhath's Operative Gynecologic

Laparoscopy with Hysteroscopy. Nezhat C, Nezhat F, Nezhat C (Eds).
Cambridge University Press, 2008.

5. **Oktay K**, Reinecke J, Nohr-Beck L. (Eds and authors). Fertility & Cancer in 101 Questions, 2007.
6. **Oktay K** & Sonmezer M. Fertility Issues and Options in Young Women with Cancer. In: Recent Results in Cancer Research – Cancer and Pregnancy. Survone, Pavlidis (Eds) Springer Verlag 2006.
7. **Oktay K**. Ovarian Transplantation. In: An Atlas of Gynecologic Oncology. Smith JR, Del Priore G, Curtin J & Monaghan J (Eds). 2006.
8. Sonmezer M. & **Oktay K**. Preservation of Fertility in Patients Undergoing Cytotoxic Therapy, Uptodate.com, Version 14.1, Robert L. Barbieri, editor, 2006 - 2013 (updated quarterly).
9. **Oktay K**, & Buyuk E. Fertility and Cancer in Women. In: Reproductive Medicine Secrets. Chan P, Goldsheim M, Rosenwaks Z (Eds). Hanley & Belfus, Inc., 2004;380-384.
10. Oktem O, Sonmezer M & **Oktay K**. Ovarian Cryopreservation and Transplantation. In: Textbook of Assisted Reproductive Technology and Clinical Perspectives. Gardner DK, Weissman A, Howles CM, Shoham Z (Eds). Taylor & Francis, London, UK:2004;315-327.
11. Sonmezer M & **Oktay K**. Fertility Preservation in female cancer patients: A comprehensive approach. In: Textbook of Fertility Preservation. Tulandi & Gosden (Eds). Taylor & Francis. London, UK; 2004; 177-190.
12. **Oktay K**, & Buyuk E. The technique of ovarian transplantation: Laboratory and clinical aspects. In: A color atlas for human assisted reproduction: Laboratory & clinical insights. Patrizio P, Guelman V, Tucker M (Eds). Lippincot, 2003; 229-240.
13. **Oktay K**. Ovarian Cryopreservation and Transplantation. In: Textbook of Assisted Reproductive Technology and Clinical Perspectives. Gardner DK, Weissman A, Howles CM, Shoham Z (Eds). Martin Dunitz Limited. London, UK: 2001; 279-284.
14. **Oktay K**, Karlikaya G, Bayrakceken A. New strategies in studying ovarian aging. In: Biology of Menopause. Bellini F (Ed). Springer-Verlac, NY: 2000; 80-88.
15. **Oktay K**, and Gosden RG. Cryopreservation of oocytes and ovarian tissue. In: A textbook of in vitro fertilization and assisted reproduction, Brinsden PR (ed). The Parthenon Publishing Co. Lancaster, UK: 1999; 303-310.

16. **Oktay K.** Ovarian cycle and its central regulation. In: Textbook of Obstetrics & Gynecology, Kisnisci H, Gurgan T (Eds). Hacettepe TAS publications, Ankara; 1997.
17. **Oktay K.** (Editor and author). Pharmacology lecture notes. Hacettepe TAS publications, Ankara; 1988.