

## Prof. MESUT ÖKTEM

### Personal Information

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### Education Information

Expertise In Medicine, Gazi University, Tıp Fakültesi, Cerrahi Tıp Bilimleri, Turkey 1996 - 2000

Undergraduate, Ankara University, Tıp Fakültesi, Turkey 1989 - 1995

### Research Areas

Health Sciences

### Academic Titles / Tasks

Professor, Gazi University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2013 - Continues

### Academic and Administrative Experience

Gazi University, Tıp Fakültesi, 2012 - Continues

Gazi University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2012 - Continues

### Advising Theses

ÖKTEM M., Effects of ovulation induction of sexual relations in infertile diseases discontinued to pregnancy rates in intrauterine insemination diseases, Expertise In Medicine, F.UZUN(Student), 2017

ÖKTEM M., Effects of using granulocyte colony stimulating factor for the treatment of thin endometrium in experimental rats, Expertise In Medicine, G.İŞİK(Student), 2016

ÖKTEM M., Cardiovascular disease risk prediction in patient with polycystic ovary syndrome with use of pregnancy associated protein-a (papp-a) levels, Expertise In Medicine, M.ÖZTÜRK(Student), 2015

ÖKTEM M., The effects of Resveratrol on an ovarian hyperstimulation syndrome model in rats, Expertise In Medicine, Ş.ÖZGÜR(Student), 2012

### Published journal articles indexed by SCI, SSCI, and AHCI

#### I. The effects of resveratrol on ovarian hyperstimulation syndrome in a rat model

Ozgun S., ÖKTEM M., ALTINKAYA S. Ö., Oktem E. O., Cenksoy C., ERDEM Ö., Elbeg S., Helvacı A., ERDEM A., ERDEM M. TAIWANESE JOURNAL OF OBSTETRICS & GYNECOLOGY, vol.57, no.3, pp.383-388, 2018 (SCI-Expanded)

- II. **Elevated PAPP-A levels in lean patients with polycystic ovary syndrome**  
Orturk M., ÖKTEM M., ALTINKAYA S. Ö., Oktem E. O., Elbeg S., ERDEM A., ERDEM M.  
TAIWANESE JOURNAL OF OBSTETRICS & GYNECOLOGY, vol.57, no.3, pp.394-398, 2018 (SCI-Expanded)
- III. **The effect of swim-up and gradient sperm preparation techniques on deoxyribonucleic acid (DNA) fragmentation in subfertile patients**  
Oguz Y., GÜLER İ., ERDEM A., Mutlu M. F., GÜMÜŞLÜ S., ÖKTEM M., BOZKURT N., ERDEM M.  
JOURNAL OF ASSISTED REPRODUCTION AND GENETICS, vol.35, no.6, pp.1083-1089, 2018 (SCI-Expanded)
- IV. **The Impact of laparoscopic surgery of peritoneal endometriosis and endometrioma on the outcome of ICSI cycles.**  
GÜLER İ., ERDEM A., Oguz Y., Cevher F., Mutlu M. F., BOZKURT N., ÖKTEM M., ERDEM M.  
Systems biology in reproductive medicine, vol.63, no.5, pp.324-330, 2017 (SCI-Expanded)
- V. **Comparison of age-related changes in anti-Mullerian hormone levels and other ovarian reserve tests between healthy fertile and infertile population**  
Bozkurt B., ERDEM M., Mutlu M. F., ERDEM A., GÜLER İ., Mutlu I., ÖKTEM M.  
HUMAN FERTILITY, vol.19, no.3, pp.192-198, 2016 (SCI-Expanded)
- VI. **Recombinant FSH increases live birth rates as compared to clomiphene citrate in intrauterine insemination cycles in couples with subfertility: a prospective randomized study**  
ERDEM M., Abay S., ERDEM A., Mutlu M. F., Nas E., Mutlu I., ÖKTEM M.  
EUROPEAN JOURNAL OF OBSTETRICS & GYNECOLOGY AND REPRODUCTIVE BIOLOGY, vol.189, pp.33-37, 2015 (SCI-Expanded)
- VII. **A potential novel treatment strategy: inhibition of angiogenesis and inflammation by resveratrol for regression of endometriosis in an experimental rat model**  
Cenksoy P. O., ÖKTEM M., ERDEM Ö., Karakaya C., Cenksoy C., ERDEM A., Guner H., KARABACAK R. O.  
GYNECOLOGICAL ENDOCRINOLOGY, vol.31, no.3, pp.219-224, 2015 (SCI-Expanded)
- VIII. **Effect of luteal phase support after ovulation induction and intrauterine insemination**  
ÖKTEM M., ALTINKAYA S. Ö., YILMAZ S. A., BOZKURT N., ERDEM M., ERDEM A., GÜMÜŞLÜ S.  
GYNECOLOGICAL ENDOCRINOLOGY, vol.30, no.12, pp.909-912, 2014 (SCI-Expanded)
- IX. **The effect of captopril on endometriotic implants in a rat model**  
ÖKTEM M., Ozcan P., ERDEM O. A., Karakaya C., Cenksoy C., Guner H., KARABACAK R. O., DURSUN P.  
EUROPEAN JOURNAL OF OBSTETRICS & GYNECOLOGY AND REPRODUCTIVE BIOLOGY, vol.180, pp.120-125, 2014 (SCI-Expanded)
- X. **The gradient technique improves success rates in intrauterine insemination cycles of unexplained subfertile couples when compared to swim up technique; a prospective randomized study.**  
Karamahmutoglu H., ERDEM A., ERDEM M., Mutlu M. F., BOZKURT N., ÖKTEM M., ERCAN D. D., GÜMÜŞLÜ S.  
JOURNAL OF ASSISTED REPRODUCTION AND GENETICS, vol.31, no.9, pp.1139-1145, 2014 (SCI-Expanded)
- XI. **Follicle-stimulating hormone receptor (FSHR) alternative skipping of exon 2 or 3 affects ovarian response to FSH**  
Karakaya C., Guzeloglu-Kayisli O., Hobbs R. J., Gerasimova T., Uyar A., ERDEM M., ÖKTEM M., ERDEM A., GÜMÜŞLÜ S., Ercan D., et al.  
MOLECULAR HUMAN REPRODUCTION, vol.20, no.7, pp.630-643, 2014 (SCI-Expanded)
- XII. **Antral follicle count determines poor ovarian response better than anti-mullerian hormone but age is the only predictor for live birth in in vitro fertilization cycles**  
Mutlu M. F., ERDEM M., ERDEM A., Yildiz S., Mutlu I., Arisoy O., ÖKTEM M.  
JOURNAL OF ASSISTED REPRODUCTION AND GENETICS, vol.30, no.5, pp.657-665, 2013 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Does uterine septum resection improve IVF treatment success?**  
CEVHER AKDULUM M. F., DEMİRDAĞ E., Arik S. İ., ERDEM M., BOZKURT N., ÖKTEM M., GÜLER İ., ERDEM A.  
JOURNAL OF HEALTH SCIENCES AND MEDICINE, vol.5, no.5, pp.1276-1279, 2022 (Peer-Reviewed Journal)

- II. **Klinefelter Sendromlu ve Normal Karyotipli Non-Obstruktif Azospermik Hastaların in vitroFertilizasyon Sonuçlarının Değerlendirilmesi**  
Gümüşlü S., Ercan D. D., Karabay E., Güler İ., Erdem A., Bozkurt N., Öktem M., Erdem M., Ergün M. A., Tuğ E., et al.  
GAZI MEDICAL JOURNAL, vol.31, no.4, 2020 (ESCI)
- III. **To Evaluate in vitro Fertilisation Results of Klinefelter Syndrome and Normal Karyotype Infertile Men with Non-Obstructive Azospermia**  
GÜMÜŞLÜ S., Ercan D., KARABAY E., GÜLER İ., ERDEM A., BOZKURT N., ÖKTEM M., ERDEM M., ERGÜN M. A., TUĞ E., et al.  
GAZI MEDICAL JOURNAL, vol.31, no.4, pp.583-586, 2020 (ESCI)
- IV. **Cesarean Scar Ectopic Pregnancy**  
ÖKTEM M., Ozturk M., ONAN M. A.  
GAZI MEDICAL JOURNAL, vol.27, no.4, pp.201-202, 2016 (ESCI)
- V. **Comparison of The Effectiveness of Clomiphene Citrate versus Letrozole in Mild IVF in Poor Prognosis Subfertile Women with Failed IVF Cycles**  
ÖKTEM M., GÜLER İ., ERDEM M., ERDEM A., BOZKURT N., KARABACAK R. O.  
INTERNATIONAL JOURNAL OF FERTILITY & STERILITY, vol.9, no.3, pp.285-291, 2015 (ESCI)
- VI. **Effect of Perturbation on Pregnancy Rates before Intrauterine Insemination Treatment in Patients with Unexplained Infertility.**  
yıldız f., BOZKURT N., ERDEM A., ERDEM M., ÖKTEM M., KARABACAK R. O.  
International journal of fertility sterility, vol.8, no.1, pp.77-84, 2014 (Peer-Reviewed Journal)
- VII. **Does Ovulation Induction Increase the Risk of Aneuploid Conception Comparison of First Trimester Miscarriages after FSH Stimulated Cycles and Naturally Conceived Cycles**  
TELLİ CELTEMEN P., ERDEM M., BOZKURT N., YİRMİBEŞ KARAOĞUZ M., ÖKTEM M., ERDEM A., KARABACAK R. O., CELTEMEN M. B., KAYHAN G.  
International Journal of Women's Health and Reproduction Sciences, vol.2, no.4, pp.225-228, 2014 (ESCI)
- VIII. **Does ovulation induction increase the risk of aneuploid conception Comparison of first trimester miscarriages after FSH stimulated cycles and naturally conceived cycles**  
Telli C., ERDEM M., BOZKURT N., YİRMİBEŞ KARAOĞUZ M., ÖKTEM M., ERDEM A., KARABACAK R. O., Celtemen M., KAYHAN G.  
International Journal of Women's Health and Reproduction Sciences, vol.2, no.4, pp.225-228, 2014 (Peer-Reviewed Journal)
- IX. **Zorunlu tek/şartlı iki embriyo transfer yönetmeliği sonrası gebelik oranlarımız**  
GÜMÜŞLÜ S., KARABACAK R. O., BOZKURT N., ÖKTEM M., KARABAY E., KARAKAYA C., ERCAN D. D., ERDEM A., ERDEM M.  
Türk Jinekoloji ve Obstetrik Derneği Dergisi, vol.10, no.2, pp.97-102, 2013 (Scopus)
- X. **Pregnancy Rates After Compulsatory One and Conditional Two Embriyo Transfer**  
GÜMÜŞLÜ S., KARABACAK R. O., BOZKURT N., ÖKTEM M., Karabay E., KARAKAYA C., Ercan D., ERDEM A.  
Journal of Turkish Society of Obstetric and Gynecology, vol.10, no.2, pp.97-102, 2013 (Scopus)
- XI. **Kraniyotomi sonrası radyoterapi ve kemoterapi almış beyin tümörü hastasında gecikmiş gebelik teşhisi**  
Günaydin B., Cenksöy C., ÖKTEM M., COŞKUN D.  
Turk Anesteziyoloji ve Reanimasyon Derneği Dergisi, vol.40, no.2, pp.114-115, 2012 (Scopus)
- XII. **The apoptotic effects of mitomycin C on human endometrial cell cultures and reversal of its effects by beta carotene and folic acid**  
YILMAZ Z., KARABAY G., ÖKTEM M., TAKE G., ATAÇ F. B., ŞAHİN F. İ.  
Acta Physiol Hung, vol.93, no.1, pp.41-51, 2006 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Yardımcı Üreme Teknikleri**

ALTINKAYA S. Ö., ÖZALP ÖKTEM E., ÖKTEM M.

in: KADIN HASTALIKLARI VE DOĞUM, İbrahim Alanbay, Emre Kardeşahin, Editor, Modern Tıp Kitabevi, Ankara, pp.1805-1835, 2020

## Refereed Congress / Symposium Publications in Proceedings

- I. **Laparoskopik Lateral Süspansiyon Operasyonu Yapılan Hastaların Postoperatif Değerlendirilmesi**  
DEMİRDAĞ E., POLAT M., ERDEM A., ÖKTEM M., GÜLER İ., ERDEM M.  
19.Ulusal Jinekoloji ve Obstetrik Kongresi, Antalya, Turkey, 18 May 2022
- II. **Jinekolojik hayvan modelleri**  
ÖKTEM M.  
Üreme Biyolojisinde uygulamalı rat in vivo-in vitro hastalık modelleri, 2 - 03 November 2019
- III. **IVF results of klinifelter syndrome and normal karyotype non-obstructive azospermic patient**  
GÜMÜŞLÜ S., KARABACAK R. O., ERCAN D. D., KARABAY E., GÜLER İ., ERDEM A., BOZKURT N., ÖKTEM M.  
5. klinik embriyolojiderneği kongresi, 20 - 22 September 2019
- IV. **IVF'xxte nihai oosit matürasyonu için yeni stratejiler**  
ÖKTEM M.  
VII. ÜTD KONGRESİ, 3 - 06 October 2019
- V. **IVF de progesteron yükselmesi**  
ÖKTEM M.  
Başkent İnfertilite Günleri, 14 - 15 June 2019
- VI. **IVF sikluslarında nihai oosit matürasyonu için yeni yaklaşımlar**  
ÖKTEM M.  
17. TJOD KONGRESİ, 24 - 28 April 2019
- VII. **endometrial straching**  
ÖKTEM M.  
TSRM 2018, 8 - 11 November 2018
- VIII. **Endometriosis ve infertilite**  
ÖKTEM M.  
1st Congress of APIMSF 2018, 15 - 18 May 2018
- IX. **Klomifen sitrat-letrazole ile COH**  
ÖKTEM M.  
TJOD 2018, 9 - 13 May 2018
- X. **DeneySEL Jinekolojik modeller**  
ÖKTEM M.  
XXI. Deney Hayvanları Uygulama ve Etik Kursu, Turkey, 14 - 22 November 2017
- XI. **Apikal prolapsuslara vajinal yaklaşım**  
ÖKTEM M.  
5. İŞLEVSEL ÜROLOJİ VE KADIN ÜROLOJİSİ KONGRESİ, 5 - 08 October 2017
- XII. **The impact of granulocyte colony stimulating factor on thin endometrium of an animal model with rats**  
ÖKTEM M., İŞIK G., BOZKURT N., GÜLER İ., Özalp Öktem E., ÖZOĞUL C., SARIBAŞ G. S., ERDEM A., ERDEM M.  
European Society of Human Reproduction and Embryology, Switzerland, 2 - 05 July 2017, vol.32, pp.1-539
- XIII. **Zayıf Over Cevabı Yönetimi**  
ÖKTEM M.  
Üreme Endokrinolojisi ART PKOS ENDOMETRİOSİS VE ENDOSKOPİDE TARTIŞMALI KONULAR, Turkey, 10 - 11 June 2017
- XIV. **The live birth rate is not lower in patients with endometrioma without previous surgery than in controls undergoing IVF**  
ÖKTEM M., BOZKURT N., Özalp Öktem E., CANAN S., GÜMÜŞLÜ S., ERDEM M.

WCE 2017, 17 - 20 May 2017

- XV. **Vajen cuff prolapsusuna laparoskopik yaklaşım**  
ÖKTEM M.  
25th European Congress of Obstetrics and Gynecology, 17 - 21 May 2017
- XVI. **20 Kasım 2016 Oturum 25 YENİ TARTIŞMALAR**  
ÖKTEM M.  
TSRM 2016 CONGRESS, 17 - 20 November 2016
- XVII. **Clinical Pregnancy Rates After Correction Unsuspected Intrauterine Pathologies via Office Hysteroscopy in Patients Who Had One or More Failed IVF Cycles**  
ÖKTEM M., Isık G., Utkan Z. E., ERDEM A., ERDEM M.  
AAGL Global Congress 2016, 14 - 18 November 2016, vol.23, pp.114
- XVIII. **The Effectiveness of Prophylactic Sacrospinous Ligament Fixation After Vaginal Hysterectomy**  
ÖKTEM M., Isık G., Guner H.  
AAGL Global Congress 2016, 14 - 18 November 2016, vol.23, pp.251-252
- XIX. **GH DHEA Testosteron gibi adjuvan tedavilerin ovaryan stimülasyonundaki yerleri**  
ÖKTEM M.  
TJOD 2016 CONGRESS, 5 - 09 October 2016
- XX. **THE COMPARISON OF ICSI-ET OUTCOMES IN SURGICALLY TREATED MINIMAL ENDOMETRIOSIS, ENDOMETRIOMA AND TUBAL FACTOR WITHOUT UNDERLYING ENDOMETRIOSIS**  
GÜLER İ., ERDEM A., ERDEM M., BOZKURT N., ÖKTEM M., MUTLU M. F., Oğuz Y., CEVHER AKDULUM M. F.  
ESHRE, 19 October 2015
- XXI. **The comparison of ICSI ET outcomes in surgically treated minimal endometriosis endometrioma and tubal factor without underlying endometriosis**  
GÜLER İ., ERDEM A., ERDEM M., BOZKURT N., ÖKTEM M., MUTLU M. F., OĞUZ Y., CEVHER F.  
ASRM 2015 Annual Meeting, 17 - 21 October 2015
- XXII. **In poor responders usage of dual trigger in gonadotropin releasing hormone antagonist cycles for final oocyte maturation have no effect on IVF outcomes in comparison with standard human chorionic gonadotropin trigger**  
ERDEM A., MUTLU M. F., ERDEM M., Mutlu İ., ÖKTEM M.  
7th World Congress on Ovulation Induction, 3 - 05 September 2015
- XXIII. **The predictive value of early follicular progesteron on preovulatory progesteron rise in IVF cycles with GnRH antagonist protocol**  
ERDEM M., MUTLU M. F., ERDEM A., MUTLU İ., GÜLER İ., ÖKTEM M.  
ASRM 2015 Annual Meeting, 17 - 21 October 2015
- XXIV. **The relationship between initial hCG levels and development of preeclampsia in pregnancies following in vitro fertilization**  
ERDEM M., NAJAFALİYEVA A., GÜLER İ., ERDEM A., BOZKURT N., ÖKTEM M.  
ASRM 2015 Annual Meeting, 17 - 21 October 2015
- XXV. **Impact of clinical, hormonal and histopathological findings on sperm retrieval and pregnancy rates in azoospermic patients**  
GÜLER İ., ERDEM M., ERDEM A., DEMİRDAĞ E., BOZKURT N., ÖKTEM M.  
31st Annual Meeting of the European Society of Human Reproduction and Embryology (ESHRE), Lisbon, Portugal, 14 - 17 June 2015
- XXVI. **Impact of clinical hormonal and histopathological findings on sperm retrieval and pregnancy rates in azoospermic patients**  
GÜLER İ., ERDEM M., ERDEM A., Demirdağ E., BOZKURT N., ÖKTEM M.  
31th Annual Meeting of ESHRE, 14 - 17 June 2015
- XXVII. **Impact of clinical hormonal and histopathological findings on sperm retrieval and pregnancy rates in azoospermic patients**  
GÜLER İ., ERDEM M., ERDEM A., DEMİRDAĞ E., BOZKURT N., ÖKTEM M.  
31th Annual Meeting of ESHRE (ESHRE 2015), 14 - 17 June 2015, vol.30, pp.1-501

- XXVIII. **Luteal phase support with estrogen in addition to progesterone in patients with poor response to gonadotropins undergoing IVF**  
ERDEM M., KUTLUSOY F., ERDEM A., GÜLER İ., ÖKTEM M., BİBEROĞLU Ö. K.  
69th Annual Meeting of the ASRM ASRM 2013, 12 - 17 October 2013
- XXIX. **İVF İLE ELDE EDİLEN EMBRİYOLARDA DONDURMA TEKNİĞİ OLARAK SLOW FREEZING VE VITRİFİKASYON YÖNTEMLERİNİN KARŞILAŞTIRILMASI**  
GÜMÜŞLÜ S., ERCAN D. D., Oğuz Y., DEMİRDAĞ E., ÖZİŞİK M. S., ÖKTEM M., BOZKURT N., KARABACAK R. O., ERDEM M., ERDEM A.  
10. Ulusal Jinekoloji ve Obstetrik Kongresi, Turkey, 9 - 13 May 2012

## **Supported Projects**

ÖKTEM M., Project Supported by Higher Education Institutions, "İnce Endometrium Tedavisinde Granülosit koloni Stimüle Edici Faktör Kullanımının Deney Hayvanları Üzerindeki Etkileri", 2016 - 2017

## **Metrics**

Publication: 55  
Citation (WoS): 235  
Citation (Scopus): 264  
H-Index (WoS): 7  
H-Index (Scopus): 8