

## Prof. SAFFET ÖZTÜRK

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: C-1239-2016

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### Education Information

Doctorate, Akdeniz University, Institute of Health Sciences , Histoloji Ve Embriyoloji, Turkey 2006 - 2013

Postgraduate, Akdeniz University, -, Medical Biology and Genetics, Turkey 2002 - 2005

Undergraduate, Hacettepe University, Fen Fakültesi, Biyoloji, Turkey 1997 - 2002

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Health&Medicine, Zeiss LSM880 Kullanıcı Eğitimi, Akdeniz University, 2018

Health&Medicine, Eğitim becerilerinin geliştirilmesi ve eğitici eğitimi, Akdeniz University, 2018

Education Management and Planning, İyi klinik uygulamaları ve klinik araştırmalar hakkında temel eğitim kursu, Akdeniz Üniversitesi, Tıp Fakültesi, 2017

Education Management and Planning, Probleme dayalı öğrenim (PDÖ) kursu, Akdeniz Üniversitesi, Tıp Fakültesi, 2016

Health&Medicine, Makromedya flaş, Akdeniz Üniversitesi Tıp Fakültesi, Antalya, 2015

Health&Medicine, Olympus mikroskopi semineri, Incekaralar, Antalya, 2014

Health&Medicine, Uygulamalı çalıştay-Oosit ve embriyo vitrifikasyonu- Kriyotop yöntemi (Açık ve kapalı system), ALPHA 2014, Kongre öncesi kurs, Antalya, 2014

Health&Medicine, Temel bilim çalışmasından patente, Akdeniz Üniversitesi Tıp Fakültesi, Antalya, 2014

Health&Medicine, Deney hayvanları kursu, Akdeniz Üniversitesi Tıp Fakültesi, Deney Hayvanları Ünitesi, Antalya, 2009

Health&Medicine, Embriyoloji, III. Türk üreme tıbbi topluluğunun yıllık toplantısı, Antalya, 2008

Health&Medicine, Üremede moleküler ve hücre biyolojisi ve klinik etkileri, Akdeniz Üniversitesi Tıp Fakültesi, Histoloji ve Embriyoloji Anabilim Dalı, Antalya, 2007

Health&Medicine, Moleküler teknikler ve gamet biyolojisi, Akdeniz Üniversitesi Tıp Fakültesi, Histoloji ve Embriyoloji Anabilim Dalı, Antalya, 2007

Health&Medicine, Üreme tıbbının klinik ve gerçek zamanlı PCR uygulaması, I. Ulusal Moleküler Tıp Kongresi, İstanbul, 2005

## Dissertations

Doctorate, Testiste, Epabp (Embriyonik Poli (A) Baęlanma Proteini) ve Pabpc1 (Poli (A) Baęlanma Proteini, Sitoplazmik 1) Genlerinin Ekspresyon Düzeyleri ve Hücresel Daęılımlarının Belirlenmesi, Akdeniz University, Histoloji Ve Embriyoloji Anabilim Dalı, Histoloji Ve Embriyoloji, 2010

Postgraduate, İdiyopatik sirozlu hastalarda HFE gen mutasyonlarının PCR-RFLP yöntemiyle taranması , Akdeniz University, Tıbbi Biyoloji Ve Genetik Anabilim Dalı, Tıbbi Genetik, 2004

## Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Histology and Embryology

## Academic Titles / Tasks

Associate Professor, Akdeniz University, Faculty of Medicine, Department of Basic Medical Sciences, 2018 - Continues

Assistant Professor, Akdeniz University, Faculty of Medicine, Department of Basic Medical Sciences, 2016 - 2018

Research Assistant, Akdeniz University, Faculty of Medicine, Department of Basic Medical Sciences, 2006 - 2013

Research Assistant, Akdeniz University, Faculty of Medicine, Department of Basic Medical Sciences, 2002 - 2005

## Courses

Gametogenesis, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Muscle tissue, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Nasal cavity larynx trachea special histology of the lung and development of the lungs, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

## Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Kırıkkale Üniversitesi, June, 2022

Post Graduate, Post Graduate, Akdeniz Üniversitesi, July, 2021

Post Graduate, Post Graduate, Akdeniz Üniversitesi, January, 2019

Post Graduate, Post Graduate, Akdeniz Üniversitesi, January, 2019

Doctorate, Doctorate, Süleyman Demirel Üniversitesi, June, 2018

Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, May, 2017

Doctorate, Doctorate, Süleyman Demirel Üniversitesi, January, 2017

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

- I. **The DNA double-strand break repair proteins  $\gamma$ H2AX, RAD51, BRCA1, RPA70, KU80, and XRCC4 exhibit follicle-specific expression differences in the postnatal mouse ovaries from early to older ages**  
Talibova G., Bilmez Y., Tire B., ÖZTÜRK S.  
Journal of Assisted Reproduction and Genetics, vol.41, no.9, pp.2419-2439, 2024 (SCI-Expanded)
- II. **The close relationship between oocyte aging and telomere shortening, and possible interventions for telomere protection**  
ÖZTÜRK S.

Mechanisms of Ageing and Development, vol.218, 2024 (SCI-Expanded)

- III. **The crosstalk between telomeres and DNA repair mechanisms: an overview to mammalian somatic cells, germ cells, and preimplantation embryos.**  
Tire B., Talibova G., Ozturk S.  
Journal of assisted reproduction and genetics, 2024 (SCI-Expanded)
- IV. **Potential effects of assisted reproductive technology on telomere length and telomerase activity in human oocytes and early embryos**  
Tire B., ÖZTÜRK S.  
Journal of Ovarian Research, vol.16, no.1, 2023 (SCI-Expanded)
- V. **Genetic variants underlying developmental arrests in human preimplantation embryos**  
ÖZTÜRK S.  
Molecular Human Reproduction, vol.29, no.8, 2023 (SCI-Expanded)
- VI. **Embryonic poly(A)-binding protein interacts with translation-related proteins and undergoes phosphorylation on the serine, threonine, and tyrosine residues in the mouse oocytes and early embryos**  
ÖZTÜRK S., Kosebent E. G., Talibova G., Bilmez Y., Tire B., CAN A.  
Journal of Assisted Reproduction and Genetics, vol.40, no.4, pp.929-941, 2023 (SCI-Expanded)
- VII. **Increased double-strand breaks in aged mouse male germ cells may result from changed expression of the genes essential for homologous recombination or nonhomologous end joining repair**  
Talibova G., Bilmez Y., ÖZTÜRK S.  
Histochemistry and Cell Biology, vol.159, no.2, pp.127-147, 2023 (SCI-Expanded)
- VIII. **Genetic variants underlying spermatogenic arrests in men with non-obstructive azoospermia**  
ÖZTÜRK S.  
Cell Cycle, vol.22, no.9, pp.1021-1061, 2023 (SCI-Expanded)
- IX. **DNA double-strand break repair in male germ cells during spermatogenesis and its association with male infertility development**  
Talibova G., Bilmez Y., ÖZTÜRK S.  
DNA Repair, vol.118, 2022 (SCI-Expanded)
- X. **Expression of the histone lysine methyltransferases SETD1B, SETDB1, SETD2, and CFP1 exhibits significant changes in the oocytes and granulosa cells of aged mouse ovaries**  
Bilmez Y., Talibova G., ÖZTÜRK S.  
HISTOCHEMISTRY AND CELL BIOLOGY, vol.158, no.1, pp.79-95, 2022 (SCI-Expanded)
- XI. **Dynamic changes of histone methylation in mammalian oocytes and early embryos**  
Bilmez Y., Talibova G., ÖZTÜRK S.  
HISTOCHEMISTRY AND CELL BIOLOGY, vol.157, no.1, pp.7-25, 2022 (SCI-Expanded)
- XII. **Molecular determinants of the meiotic arrests in mammalian oocytes at different stages of maturation**  
ÖZTÜRK S.  
CELL CYCLE, vol.21, no.6, pp.547-571, 2022 (SCI-Expanded)
- XIII. **Telomere associated gene expression as well as TERT protein level and telomerase activity are altered in the ovarian follicles of aged mice**  
Kosebent E. G., ÖZTÜRK S.  
SCIENTIFIC REPORTS, vol.11, no.1, 2021 (SCI-Expanded)
- XIV. **The spatiotemporal expression of TERT and telomere repeat binding proteins in the postnatal mouse testes**  
Kosebent E. G., ÖZTÜRK S.  
ANDROLOGIA, vol.53, no.3, 2021 (SCI-Expanded)
- XV. **Decreased expression of TERT and telomeric proteins as human ovaries age may cause telomere shortening**  
Uysal F., Kosebent E. G., TORU H. S., ÖZTÜRK S.  
JOURNAL OF ASSISTED REPRODUCTION AND GENETICS, vol.38, no.2, pp.429-441, 2021 (SCI-Expanded)

- XVI. **Selection of competent oocytes by morphological criteria for assisted reproductive technologies**  
ÖZTÜRK S.  
MOLECULAR REPRODUCTION AND DEVELOPMENT, vol.87, no.10, pp.1021-1036, 2020 (SCI-Expanded)
- XVII. **The altered expression of telomerase components and telomere-linked proteins may associate with ovarian aging in mouse**  
Kosebent E. G., Uysal F., ÖZTÜRK S.  
EXPERIMENTAL GERONTOLOGY, vol.138, 2020 (SCI-Expanded)
- XVIII. **The loss of global DNA methylation due to decreased DNMT expression in the postnatal mouse ovaries may associate with infertility emerging during ovarian aging**  
Uysal F., ÖZTÜRK S.  
HISTOCHEMISTRY AND CELL BIOLOGY, vol.154, no.3, pp.301-314, 2020 (SCI-Expanded)
- XIX. **The translational functions of embryonic poly(A)-binding protein during gametogenesis and early embryo development**  
ÖZTÜRK S.  
MOLECULAR REPRODUCTION AND DEVELOPMENT, vol.86, no.11, pp.1548-1560, 2019 (SCI-Expanded)
- XX. **Embryonic poly(A)-binding protein is differently expressed and interacts with the messenger RNAs in the mouse oocytes and early embryos**  
UYSAL F., ÖZTÜRK S.  
JOURNAL OF CELLULAR BIOCHEMISTRY, vol.120, no.3, pp.4694-4709, 2019 (SCI-Expanded)
- XXI. **Decreased expression of DNA methyltransferases in the testes of patients with non-obstructive azoospermia leads to changes in global DNA methylation levels**  
UYSAL F., AKKOYUNLU G., ÖZTÜRK S.  
REPRODUCTION FERTILITY AND DEVELOPMENT, vol.31, no.8, pp.1386-1394, 2019 (SCI-Expanded)
- XXII. **Peripheral apelin mediates stress-induced alterations in gastrointestinal motor functions depending on the nutritional status**  
BÜLBÜL M., SİNEN O., IZGUT-UYSAL V. N., AKKOYUNLU G., ÖZTÜRK S., UYSAL F.  
CLINICAL AND EXPERIMENTAL PHARMACOLOGY AND PHYSIOLOGY, vol.46, no.1, pp.29-39, 2019 (SCI-Expanded)
- XXIII. **Telomere length and telomerase activity during folliculogenesis in mammals**  
Kosebent E. G., Uysal F., ÖZTÜRK S.  
JOURNAL OF REPRODUCTION AND DEVELOPMENT, vol.64, no.6, pp.477-484, 2018 (SCI-Expanded)
- XXIV. **Potential roles of the poly(A)-binding proteins in translational regulation during spermatogenesis**  
ÖZTÜRK S., UYSAL F.  
JOURNAL OF REPRODUCTION AND DEVELOPMENT, vol.64, no.4, pp.289-296, 2018 (SCI-Expanded)
- XXV. **Superovulation alters DNA methyltransferase protein expression in mouse oocytes and early embryos**  
Uysal F., ÖZTÜRK S., AKKOYUNLU G.  
JOURNAL OF ASSISTED REPRODUCTION AND GENETICS, vol.35, no.3, pp.503-513, 2018 (SCI-Expanded)
- XXVI. **DNMT1, DNMT3A and DNMT3B proteins are differently expressed in mouse oocytes and early embryos**  
Uysal F., ÖZTÜRK S., AKKOYUNLU G.  
JOURNAL OF MOLECULAR HISTOLOGY, vol.48, no.5-6, pp.417-426, 2017 (SCI-Expanded)
- XXVII. **Poly(A)-binding proteins are required for translational regulation in vertebrate oocytes and early embryos**  
ÖZTÜRK S., UYSAL F.  
REPRODUCTION, FERTILITY AND DEVELOPMENT, vol.29, no.10, pp.1890-1901, 2017 (SCI-Expanded)
- XXVIII. **DNA Methyltransferases in Mammalian Oocytes**  
Uysal F., ÖZTÜRK S.  
OOCTES: MATERNAL INFORMATION AND FUNCTIONS, vol.63, pp.211-222, 2017 (SCI-Expanded)
- XXIX. **DNA methyltransferases exhibit dynamic expression during spermatogenesis**  
UYSAL F., AKKOYUNLU G., ÖZTÜRK S.  
REPRODUCTIVE BIOMEDICINE ONLINE, vol.33, no.6, pp.690-702, 2016 (SCI-Expanded)

- XXX. **The poly(A)-binding protein genes, EPAB, PABPC1, and PABPC3 are differentially expressed in infertile men with non-obstructive azoospermia**  
ÖZTÜRK S., Sozen B., UYSAL F., Bassorgun I. C., USTA M. F., AKKOYUNLU G., DEMİR N.  
JOURNAL OF ASSISTED REPRODUCTION AND GENETICS, vol.33, no.3, pp.335-348, 2016 (SCI-Expanded)
- XXXI. **Superovulation alters embryonic poly(A)-binding protein (Epab) and poly(A)-binding protein, cytoplasmic 1 (Pabpc1) gene expression in mouse oocytes and early embryos**  
ÖZTÜRK S., YABA-UCAR A., Sozen B., MUTLU D., DEMİR N.  
REPRODUCTION FERTILITY AND DEVELOPMENT, vol.28, no.3, pp.375-383, 2016 (SCI-Expanded)
- XXXII. **CD90 and CD105 expression in the mouse ovary and testis at different stages of postnatal development**  
TEPEKOY F., ÖZTÜRK S., SOZEN B., OZAY R. S., AKKOYUNLU G., DEMİR N.  
REPRODUCTIVE BIOLOGY, vol.15, no.4, pp.195-204, 2015 (SCI-Expanded)
- XXXIII. **The p38 MAPK signalling pathway is required for glucose metabolism, lineage specification and embryo survival during mouse preimplantation development**  
Sozen B., ÖZTÜRK S., Yaba A., DEMİR N.  
MECHANISMS OF DEVELOPMENT, vol.138, pp.375-398, 2015 (SCI-Expanded)
- XXXIV. **Dynamic expression of DNA methyltransferases (DNMTs) in oocytes and early embryos**  
UYSAL F., AKKOYUNLU G., ÖZTÜRK S.  
BIOCHIMIE, vol.116, pp.103-113, 2015 (SCI-Expanded)
- XXXV. **Telomerase Activity and Telomere Length in Male Germ Cells**  
Ozturk S.  
BIOLOGY OF REPRODUCTION, vol.92, no.2, 2015 (SCI-Expanded)
- XXXVI. **Epab and Pabpc1 are differentially expressed in the postnatal mouse ovaries**  
ÖZTÜRK S., Sozen B., DEMİR N.  
JOURNAL OF ASSISTED REPRODUCTION AND GENETICS, vol.32, no.1, pp.137-146, 2015 (SCI-Expanded)
- XXXVII. **Epab Is Dispensable for Mouse Spermatogenesis and Male Fertility**  
Ozturk S., Guzeloglu-Kayisli O., Lowther K. M., Lalioti M. D., Sakkas D., Seli E.  
MOLECULAR REPRODUCTION AND DEVELOPMENT, vol.81, no.5, pp.390, 2014 (SCI-Expanded)
- XXXVIII. **Telomere length and telomerase activity during oocyte maturation and early embryo development in mammalian species**  
ÖZTÜRK S., Sözen B., DEMİR N.  
MOLECULAR HUMAN REPRODUCTION, vol.20, no.1, pp.15-30, 2014 (SCI-Expanded)
- XXXIX. **Activation of vagus nerve by semapimod alters substance P levels and decreases breast cancer metastasis**  
ERİN N., Duymus O., ÖZTÜRK S., DEMİR N.  
REGULATORY PEPTIDES, vol.179, no.1-3, pp.101-108, 2012 (SCI-Expanded)
- XL. **The prenatal diagnosis of familial satellited Yq chromosomes**  
Yakut S., ÖZTÜRK S., ŞİMŞEK M., MENDİLCİOĞLU İ. İ., LULECI G.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.41, no.5, pp.945-948, 2011 (SCI-Expanded)
- XLI. **Tracing of islet graft survival by way of in vivo fluorescence imaging**  
Kahraman S., Dirice E., Hapil F. Z., ERTOSUN M. G., ÖZTÜRK S., Griffith T. S., ŞANLIOĞLU S., ŞANLIOĞLU A. D.  
DIABETES-METABOLISM RESEARCH AND REVIEWS, vol.27, no.6, pp.575-583, 2011 (SCI-Expanded)
- XLII. **DNA repair mechanisms in mammalian germ cells**  
ÖZTÜRK S., DEMİR N.  
HISTOLOGY AND HISTOPATHOLOGY, vol.26, no.4, pp.505-517, 2011 (SCI-Expanded)
- XLIII. **Screening of the HFE Gene Mutations in Turkish Patients with Cryptogenic Cirrhosis and Hemochromatosis**  
ÖZTÜRK S., DIKICI H., DİNÇER D., Luleci G., KESER İ.  
TURKIYE KLINIKLERI TIP BILIMLERI DERGISI, vol.30, no.6, pp.1891-1895, 2010 (SCI-Expanded)
- XLIV. **Particular functions of estrogen and progesterone in establishment of uterine receptivity and embryo implantation**

- ÖZTÜRK S., Demir R.  
HISTOLOGY AND HISTOPATHOLOGY, vol.25, no.9, pp.1215-1228, 2010 (SCI-Expanded)
- XLV. **Effect of astaxanthin on hepatocellular injury following ischemia/reperfusion**  
Curek G. D., Cort A., Yucel G., DEMİR N., ÖZTÜRK S., ELPEK G. Ö., SAVAŞ B., Aslan M.  
TOXICOLOGY, vol.267, no.1-3, pp.147-153, 2010 (SCI-Expanded)
- XLVI. **Adenovirus-Mediated TRAIL Gene (Ad5hTRAIL) Delivery into Pancreatic Islets Prolongs Normoglycemia in Streptozotocin-Induced Diabetic Rats**  
DIRICE E., ŞANLIOĞLU A. D., KAHRAMAN S., ÖZTÜRK S., BALCI M. K., Omer A., Griffith T. S., ŞANLIOĞLU S.  
HUMAN GENE THERAPY, vol.20, no.10, pp.1177-1189, 2009 (SCI-Expanded)
- XLVII. **Particular Qualities of Diagnostic Materials and Tests Used in Preimplantation Genetic Diagnosis: Scientific Letter**  
ÖZTÜRK S., DEMİR N.  
TURKIYE KLINIKLERI TIP BILIMLERI DERGISI, vol.29, no.1, pp.236-245, 2009 (SCI-Expanded)
- XLVIII. **Frequency of three hemochromatosis gene mutations in Antalya, Turkey**  
ÖZTÜRK S., LULECI G., KESER İ.  
BALKAN JOURNAL OF MEDICAL GENETICS, vol.10, no.1, pp.25-28, 2007 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Dynamic changes of histone methylation in male germ cells during spermatogenesis**  
Bilmez Y., ÖZTÜRK S.  
F and S Reviews, vol.4, no.3, pp.187-205, 2023 (Scopus)

### Books & Book Chapters

- I. **Örtü Sistemi**  
Öztürk S.  
in: Histoloji ve Hücre Biyolojisi Patolojiye Giriş, Prof. Dr. Ramazan Demir, Editor, Palme Yayın Dağıtım, Antalya, pp.353-379, 2020
- II. **İndeks**  
Öztürk S.  
in: Histoloji ve Hücre Biyolojisi Patolojiye Giriş, Prof. Dr. Ramazan Demir, Editor, Palme Yayın Dağıtım, Antalya, pp.717-732, 2020
- III. **DNA methyltransferases in mammalian oocytes**  
Uysal F., Öztürk S.  
in: Oocytes, Kloc,M., Editor, Springer, Berlin, pp.211-222, 2017

### Refereed Congress / Symposium Publications in Proceedings

- I. **The histone lysine methyltransferases and their target methylations exhibit dynamic changes in the postnatal mouse testes from early to aged periods.**  
Bilmez Y., Talibova G., Tire B., Öztürk S.  
SRM 2023, 11. Üreme Sağlığı ve İnfertilite Kongresi, Antalya, Turkey, 16 November - 19 December 2023, pp.55-56
- II. **Investigation of DNA methylation dynamics in the postnatal mouse testicular tissues.**  
Korkmaz G., Talibova G., Bilmez Y., Öztürk S.  
TSRM 2023, 11. Üreme Sağlığı ve İnfertilite Kongresi, Antalya, Turkey, 16 November - 19 December 2023, pp.56
- III. **Repeated ovarian stimulation increased the telomerase component, TERT, levels in the mature oocytes.**

Tire B., Talibova G., Bilmez Y., Öztürk S.

TSRM 2022, 10. Üreme Sağlığı ve İnfertilite Kongresi, Girne, Cyprus (Kktc), 10 - 13 November 2022, pp.1

- IV. **The potential effect of repeated superovulation on the TERT levels in the mouse oocytes.**  
Tire B., Bilmez Y., Talibova G., Öztürk S.  
The 15th National – 1st International Congress of Histology and Embryology (NICHE 2022), 26 - 28 May 2022, pp.225
- V. **The histone methyltransferases SETD1B and SETDB1 significantly increase in the aged mouse testes.**  
Bilmez Y., Talibova G., Tire B., Öztürk S.  
The 15th National – 1st International Congress of Histology and Embryology (NICHE 2022), 26 - 28 May 2022, pp.197
- VI. **The DNA double-strand break repair proteins RAD51, BRCA1 and RP70 exhibit significant changes in the postnatal mouse ovaries from early to aged terms.**  
Talibova G., Bilmez Y., Tire B., Öztürk S.  
National – 1st International Congress of Histology and Embryology (NICHE 2022), 26 - 28 May 2022, pp.243
- VII. **The expression of histone methyltransferases is significantly decreased in the aged mouse ovaries.**  
Bilmez Y., Talibova G., Öztürk S.  
TSRM 2021, 9. Üreme Sağlığı ve İnfertilite Kongresi, Antalya, Turkey, 11 - 14 November 2021, pp.26-27
- VIII. **The DNA double-strand break repair genes expression exhibits significant changes in the postnatal mouse testes from early to aged terms.**  
Talibova G., Bilmez Y., Öztürk S.  
37th Annual Meeting of the ESHRE, 26 June - 01 July 2021, pp.117
- IX. **DNA methylation and DNMT genes expression exhibits changes during ovarian aging.**  
Uysal F., Öztürk S.  
TSRM 2018- 8th National Reproductive Health and Infertility Meeting, Antalya, Turkey, 8 - 11 November 2018, pp.139
- X. **Characterizing the expression of Dnmt3l in the postnatal mouse ovary tissues.**  
Uysal F., Öztürk S.  
TSRM 2018- 8th National Reproductive Health and Infertility Meeting, Antalya, Turkey, 8 - 11 November 2018, pp.169
- XI. **Determining the expression levels of the telomerase, TRF1, TRF2, POT1 genes in the postnatal mouse ovary tissues.**  
Köşebent E. G., Uysal F., Öztürk S.  
- 8th National Reproductive Health and Infertility Meeting, Antalya, Turkey, 8 - 11 November 2018, pp.140
- XII. **Embryonic poly(A)-binding protein (EPAB) is differently expressed and interacts with the certain mRNAs in the mouse oocytes and early embryos.**  
Uysal F., Öztürk S.  
14th National Histology and Embryology Congress, Antalya, Turkey, 10 - 13 May 2018, pp.92
- XIII. **Characterizing the DNA methyltransferase protein expression and global DNA methylation profiles in the testis tissues of patients with non-obstructive azoospermia.**  
Uysal F., Akkoyunlu G., Öztürk S.  
14th National Histology and Embryology Congress, Antalya, Turkey, 10 - 13 May 2018, pp.217
- XIV. **Determining mRNA and protein expression levels of the telomerase, Trf1 and Trf2 genes in the postnatal mouse ovary tissues.**  
Köşebent E. G., Uysal F., Öztürk S.  
14th National Histology and Embryology Congress, Antalya, Turkey, 10 - 13 May 2018, pp.139
- XV. **Producing a polyclonal antibody specific to embryonic poly(A)-binding protein (EPAB) and characterizing EPAB protein expression in mouse somatic tissues, oocytes and early embryos.**  
Uysal-Alaoglu F., Öztürk S.  
33rd Annual Meeting of European Society for Human Reproduction and Embryology, Geneva, Switzerland, 2 - 05 July 2017, pp.1
- XVI. **Polyclonal antibody production specific to embryonic poly(A)-binding protein**

Uysal F., Öztürk S.

13th National Histology and Embryology Congress with International Participation., İzmir, Turkey, 30 April - 03 May 2016, pp.73

**XVII. Determining the relative expression level and cellular localization of the DNMT1, DNMT3A and DNMT3B proteins in the mouse oocytes and preimplantation embryos.**

Uysal F., Öztürk S., Akkoyunlu G.

13th National Histology and Embryology Congress with International Participation, İzmir, Turkey, 30 April - 03 May 2016, pp.418

**XVIII. Characterizing the expression levels of DNMT3A and DNMT3B proteins in the male patients diagnosed with non-obstructive azoospermia.**

Uysal F., Akkoyunlu G., Öztürk S.

13th National Histology and Embryology Congress with International Participation, İzmir, Turkey, 30 April - 03 May 2016, pp.314

**XIX. Superovulation alters the expression of the DNA methyltransferase (DNMT) proteins in the mouse oocytes and early embryos.**

Uysal F., Öztürk S., Akkoyunlu G.

. 5th Reproductive Medicine and Surgery Society Meeting, Antalya, Turkey, 28 - 31 October 2015, pp.100

**XX. The p38 MAPK signalling pathway is required for glucose metabolism, lineage specification and embryo survival during mouse preimplantation development.**

Sözen-Kaya B., Öztürk S., Yaba-Uçar A., Demir N.

6th National Reproductive Endocrinology and Infertility Meeting, Antalya, Turkey, 6 - 09 November 2014, pp.19

**XXI. Characterizing the expressional levels of PABPC1 and PABPC3 proteins in the infertile male testis tissues.**

Uysal F., Sözen B., Öztürk S., Başsorgun İ. C., Usta M. F., Akkoyunlu G., Demir N.

12th National Histology and Embryology Meeting, Ankara, Turkey, 27 - 30 May 2014, pp.42

**XXII. Characterizing the expression levels of the ePABP, PABPC1 and PABPC3 genes in the infertile male testis tissues.**

Öztürk S., Sözen B., Uysal F., Başsorgun İ. B., Usta M. F., Demir N.

12th National Histology and Embryology Meeting, Ankara, Turkey, 27 - 30 May 2014, pp.121

**XXIII. Siyatik sinirin yarı kesi modelinde VEGF ekspresyonunun incelenmesi**

Demirel B. M., Soygür B., Satı L., Hizay A., Tanrıover G., Özsoy U., Öztürk S., Sarikcioglu L., Demir N., Oğuz N.

15. Ulusal Anatomi Kongresi, Samsun, Turkey, 5 - 08 September 2013, pp.110

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- XLVIII. **In vivo floresan Görüntüleme Yöntemiyle Xenojenik Pankreatik Adacık Trandplantasyon Başarısının ve Sağkalımının Takibi**  
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- LVI. **The development of embriyonic barrier in mice embryos.**  
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- LVIII. **Screening of the HFE gene mutations in patients with cryptogenic cirrhosis by PCR-RFLP technique**  
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## Supported Projects

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KARAÜZÜM S., ÖZTÜRK S., KARAMAN MERCAN T., ERGİN M., ÖZBUDAK İ. H., Project Supported by Higher Education Institutions, Küçük Hücreli Dışı Akciğer Karsinomlarında Makrofaj Aktivasyonunda Etkili Follistatin-like Protein 1, High Mobility Group Box1, Osteopontin Proteinleri Aralarındaki İlişkinin Değerlendirilmesi, 2022 - Continues

ÖZTÜRK S., TORU H. S., TUBITAK Project, Gelişimin farklı yaşlarındaki insan ve fare ovaryum dokularında ve izole edilen foliküllerde telomeraz ekspresyonu ve telomer uzunluğunun belirlenmesi, 2017 - Continues

Karaman Mercan T., Karaüzüm S., Öztürk S., Ergin M., Özbudak İ. H., Hapil Zevkliler F. Z., Gülkesen K. H., TUBITAK Project, Akciğer Adenokarsinomlarında Follistatin-like Protein 1, High Mobility Group Box1, Osteopontin Proteinlerinin Değerlendirilmesi, 2023 - 2024

ÖZTÜRK S., Tire B., Project Supported by Higher Education Institutions, Tekrarlayan süperovulasyonun fare oositlerindeki telomeraz ekspresyonu ve telomer uzunluğu üzerine etkisinin belirlenmesi, 2022 - 2023

Öztürk S., TUBITAK Project, Fare Oosit ve Erken Dönem Embriyolarda Epab Proteininin İlişkili Olduğu Translasyonel Mekanizmaların ve Fosforilasyon Durumunun Belirlenmesi, 2019 - 2022

ÖZTÜRK S., Bilmez Y., Project Supported by Higher Education Institutions, Fare ovaryum dokularında histon metiltransferazların ekspresyon durumlarının belirlenmesi, 2020 - 2021

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AĞAR A., AYDIN ASLAN M., ÖZTÜRK S., DERİN N., UYSAL V. N., BÜLBÜL M., ÖZSOY Ö., Project Supported by Higher Education Institutions, Nöropeptit-S'in Parkinson Hastalığındaki Tedavi Edici ve Koruyucu Etkilerinin Araştırılması, 2017 - 2019

DEMİR N., BAŞSORGUN C. İ., USTA M. F., SÖZEN B., ÖZTÜRK S., AKKOYUNLU G., Project Supported by Higher Education Institutions, Differential expression pattern of Twist1 in mouse preimplantation embryos suggests its multiple roles during early development, 2017 - 2019

ÖZTÜRK S., Project Supported by Higher Education Institutions, Fare oosit ve erken dönem preimplantasyon embriyolarında ePABP ilişkili mRNAların belirlenmesi, 2017 - 2019

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Öztürk S., TUBITAK Project, Fare oosit ve erken dönem preimplantasyon embriyolarında ePABP ilişkili mRNA ların belirlenmesi, 2014 - 2018

Öztürk S., Demir N., TUBITAK Project, İnsan Testis Dokusunda Epab ve Pabpc1 Transkriptlerinin Hücrel Yerleşimleri ve Spermatogenik Hücrelerdeki Ekspresyon Düzeylerinin Belirlenmesi, 2012 - 2014

Öztürk S., Project Supported by Other Official Institutions, Testiste Epabp Embriyonik poli A bağlanma proteini ve Pabpc1 Poli A bağlanma proteini sitoplazmik 1 genlerinin ekspresyon düzeyleri ve hücrel dağılımlarının belirlenmesi, 2010 - 2013

ÖZTÜRK S., DEMİR N., TUBITAK Project, Postnatal Fare Ovaryumlarında Epabp ve Pabpc1 Genlerinin Kantitatif Ekspresyon Düzeyleri ve Hücrel Yerleşimlerinin Belirlenmesi, 2011 - 2012

Öztürk S., Project Supported by Other Official Institutions, Süperovulasyonun fare PI profaz I ve MII metafaz II oositlerinde e PABP Embriyonik poli A bağlanma proteini gen ekspresyonu üzerine etkisinin araştırılması, 2008 - 2010

Öztürk S., Project Supported by Other Official Institutions, İdiyopatik sirozlu hastalarda HFE gen mutasyonlarının PCR RFLP yöntemiyle taranması, 2004 - 2005

## **Memberships / Tasks in Scientific Organizations**

Türk Histoloji ve Embriyoloji Derneği, Member, 2015 - Continues

Tıbbi Genetik Derneği, Member, 2003 - Continues

Sağlık Bilimlerini Araştırma ve Geliştirme Derneği, Member, 2002 - Continues

## Scientific Refereeing

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JOURNAL OF ASSISTED REPRODUCTION AND GENETICS, SCI Journal, November 2023  
ANDROLOGY, SCI Journal, May 2023  
CELL CYCLE, SCI Journal, April 2023  
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H-Index (WoS): 16

H-Index (Scopus): 15

## Congress and Symposium Activities

26. Ulusal Elektron Mikroskopi Kongresi, Invited Speaker, Eskişehir, Turkey, 2023  
8. Üreme Sağlığı ve İnfertilite Kongresi, Attendee, Antalya, Turkey, 2018  
14. Ulusal Histoloji ve Embriyoloji Kongresi, Attendee, Antalya, Turkey, 2018  
13th National Histology and Embryology Congress with International Participation, Attendee, İzmir, Turkey, 2016  
XII. Ulusal Histoloji ve Embriyoloji Kongresi, Attendee, Ankara, Turkey, 2014  
29th Annual Meeting of European Society of Human Reproduction and Embryology, Attendee, İstanbul, Turkey, 2013  
21. Ulusal Elektron Mikroskopi Kongresi (Uluslararası Katılımlı), Attendee, Mersin, Turkey, 2013  
5. Ulusal Üreme Endokrinolojisi ve İnfertilite Kongresi, Attendee, İzmir, Turkey, 2012  
XI. Ulusal Histoloji ve Embriyoloji Kongresi (Uluslararası Katılımlı), Attendee, Denizli, Turkey, 2012  
III. Üreme Tıbbı Derneği Kongresi, Attendee, Antalya, Turkey, 2011  
Klinik Embriyoloji Derneği II. Kongresi, Attendee, Muğla, Turkey, 2011  
Uluslararası Katılımlı 19. Ulusal Elektron Mikroskopi Kongresi, Attendee, Trabzon, Turkey, 2009  
IX. Ulusal Histoloji ve Embriyoloji Kongresi, Attendee, Adana, Turkey, 2008  
IX. Ulusal Tıbbi Biyoloji Kongresi, Attendee, Manisa, Turkey, 2005

The European Society of Human Genetics Conference. European Journal of Human Genetics, Attendee, Praha, Czech Republic, 2005

I. Ulusal Moleküler Tıp Kongresi, Attendee, İstanbul, Turkey, 2005

## Invited Talks

Telomerlerin ovaryum yaşlanmasına bağlı fertilité kaybı ile ilişkisi, Conference, 1. 26. Ulusal Elektron Mikroskopi Kongresi, Turkey, September 2023

## Scholarships

2214-Yurt Dışı Doktora Sırası Araştırma Bursu , TUBITAK, 2010 - 2011

## Awards

Tire B., Talibova G., Bilmez Y., Öztürk S., Sözlü bildiri birincilik ödülü, 10. Üreme Sağlığı Ve İnfertilite Kongresi , November 2022

Bilmez Y., Talibova G., Öztürk S., Sözlü bildiri üçüncülük ödülü, 9. Üreme Sağlığı Ve İnfertilite Kongresi, November 2021  
Öztürk S., Üstün başarılı bilim insanı ödülü (GEBİP), Türkiye Bilimler Akademisi, October 2017

Uysal F., Öztürk S., Sözel bildiri üçüncülük ödülü, Xıı. Ulusal Histoloji Ve Embriyoloji Kongresi, May 2016

Sözen B., Öztürk S., Yaba A., Demir N., Prof. Dr. Türkan Erbenği araştırma ikincilik ödülü, 22. Elektron Mikroskopi Kongresi, September 2015

Sözen-Kaya B., Öztürk S., Yaba-Uçar A., Demir N., Sözlü bildiri ikincilik ödülü, 6. Ulusal Üreme Endokrinolojisi Ve İnfertilite Kongresi, November 2014

Kahraman S., Hapil F. Z., Ertosun M. G., Öztürk S., Griffith T. S., Şanhoğlu S., Şanhoğlu A. D., Diabetes mellitus bilimsel yayın destek ikincilik ödülü, Türkiye Diyabet Vakfı, April 2013

Sözen B., Öztürk S., Yaba A., Mutlu D., Demir N., En iyi poster sunumu, Klinik Embriyoloji Derneği Iı. Kongresi, September 2011

Dirice E., Şanhoğlu A. D., Kahraman S., Öztürk S., Balcı M. K., Ömer A., Griffith T. S., Şanhoğlu S., Diabetes mellitus bilimsel yayın destek birincilik ödülü, Türkiye Diyabet Vakfı, May 2010

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Öztürk S., İhsan Dođramacı-öğrenci başarı ödülü, Hacettepe Üniversitesi, June 2002