

Assoc. Prof. Murat Selçuk

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International Researcher IDs

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Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Dölerme Ve Suni Tohumlama (Dr), Turkey 1999 - 2005

Undergraduate, Ankara University, Veteriner Fakültesi, Veteriner Pr., Turkey 1989 - 1994

Undergraduate, Ankara University, Veteriner Fakültesi, Veteriner Pr., Turkey 1989 - 1994

Dissertations

Doctorate, Ankara tavşan spermasının dondurulmasında hipotaurinin etkisi, Ankara University, Sağlık Bilimleri Enstitüsü, Dölerme Ve Suni Tohumlama (Dr), 2005

Academic Titles / Tasks

Associate Professor, Ondokuz Mayıs University, Veteriner Fakültesi, Klinik Bilimler Bölümü, 2015 - Continues

Assistant Professor, Ondokuz Mayıs University, Veteriner Fakültesi, Klinik Bilimler Bölümü, 2005 - Continues

Research Assistant, Ankara University, Veteriner Fakültesi, Klinik Bilimler Bölümü, 1995 - 1999

Academic and Administrative Experience

Ondokuz Mayıs University, 2013 - Continues

Courses

İntörn Eğitimi Klinik Bilimleri ve Laboratuar Tanı Grubu, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012

Suni Tohumlama ve Reprodüksiyon, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012

Klinik Uygulama III , Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

İntörn Eğitimi Hayvansal Üretim ve Gıda Güvenliği Grubu, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012

Atlarda Damızlık Seçimi , Undergraduate, 2013 - 2014

Uzmanlık Alan Dersi I, Doctorate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Spermanın Kısa ve Uzun Süreli Saklanması, Postgraduate, 2012 - 2013

Erkek Hayvanlarda İnfertilite ve Nedenleri, Postgraduate, 2012 - 2013

Kanatlılarda Reprodüksiyon ve Suni Tohumlama, Doctorate, 2012 - 2013

Uzmanlık Alan Dersi II, Doctorate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

Reprodüksiyon ve Androloji, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

Köpek ve Kedilerde Reprodüksiyon ve Suni Tohumlama, Doctorate, 2012 - 2013

Dölverimini Etkileyen Başlıca Faktörler, Postgraduate, 2012 - 2013

Kaynak Tarama ve Bilimsel Yenilikler, Doctorate, 2011 - 2012

Suni Tohumlama , Undergraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

Domuzlarda Reprodüksiyon ve Suni Tohumlama, Doctorate, 2011 - 2012

Evcil Hayvanlarda Reprodüktif Sistem ve Anatomik Yapı, Postgraduate, 2011 - 2012

Koyun ve Keçilerde Reprodüksiyon ve Suni Tohumlama, Doctorate, 2011 - 2012

Erkek Hayvanlarda İnfertilite ve Nedenleri, Doctorate, 2011 - 2012, 2009 - 2010, 2008 - 2009

Reprodüktif Hormonlar ve Etki Mekanizmaları, Postgraduate, 2011 - 2012, 2010 - 2011

Hayvan Türlerinde Uygun Tohumlama Zamanı ve Belirleme Yöntemleri, Doctorate, 2010 - 2011

Androlojik Muayeneler, Doctorate, 2010 - 2011

Dölerme ve Suni Tohumlama Modülü, Undergraduate, 2010 - 2011, 2009 - 2010, 2008 - 2009

Hayvan Türlerinde Seksüel Siklus ve Biçimleri, Postgraduate, 2010 - 2011

Klinik Uygulama IV, Undergraduate, 2010 - 2011, 2009 - 2010, 2008 - 2009

Atlarda Damızlık Seçimi ve Üreme Özellikleri, Undergraduate, 2009 - 2010

Sığırlarda Reprodüksiyon ve Suni Tohumlama, Doctorate, 2009 - 2010

Çözümsel Eğitim V, Undergraduate, 2008 - 2009

Spermanın Muayene ve Değerlendirilmesi, Doctorate, 2008 - 2009

Seminer, Doctorate, 2008 - 2009

Hayvan Türlerinde Seksüel Siklus, Kızgınlık Belirtileri ve Kızgınlık Saptama Yöntemleri, Doctorate, 2008 - 2009, 2007 - 2008

Klinik, Undergraduate, 2007 - 2008

Dölerme ve Suni Tohumlama, Undergraduate, 2007 - 2008

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Comparison of the effects of different thawing methods on post-thaw sperm characteristics of buffalo bull semen**
Akal E., Selçuk M., Esin B., Akar M., Kaya C.
THAI JOURNAL OF VETERINARY MEDICINE, vol.51, no.4, pp.697-704, 2021 (SCI-Expanded)
- II. **Comparative evaluation of the effects of different thawing methods on bull sperm characteristics with computer-assisted semen analysis**
Selçuk M., Akal E., Esin B., NİZAM M. Y., Genc M. D.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.44, no.6, pp.1316-1321, 2020 (SCI-Expanded)
- III. **Testicular morphology and in vitro evaluation of frozen epididymal sperm of Anatolian buffalo**
Selçuk M., Akal E.
ANKARA UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.62, no.1, pp.51-55, 2015 (SCI-Expanded)
- IV. **E-Selectin expression in the mouse testis after experimental testicular torsion (ischemia/reperfusion)**
Selçuk M., Celebi M., Gülbahar M. Y., Kabak Y. B., Çevik M.
VETERİNARSKI ARHIV, vol.84, no.2, pp.167-176, 2014 (SCI-Expanded)
- V. **Comparison of Pregnancy Rates after Timed Artificial Insemination in Ovsynch, Heatsynch and CIDR-Based Synchronization Protocol in Dairy Cows**
Çevik M., Selçuk M., Dogan S.
KAFKAS UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.16, no.1, pp.85-89, 2010 (SCI-Expanded)

Articles Published in Other Journals

- I. **The evaluation of fertility achieved by modified different ovsynch treatments in holstein cows**
Kalkan M. F., SELCUK M.
Kocatepe Veterinary Journal, vol.16, no.3, pp.444-449, 2023 (Peer-Reviewed Journal)
- II. **Effect of Cryopreservation on DNA Damage and Various Sperm Parameters in the Post-Mortem Obtained Buffalo Sperm**
AKAL E., SELCUK M.
Kocatepe Veterinary Journal, vol.16, no.3, pp.432-438, 2023 (Peer-Reviewed Journal)
- III. **In-vitro evaluation of the effects of different extenders on spermatological parameters in the freezing of epididymal buffalo sperm**
DEMİRCİ E., SELCUK M.
Veteriner Hekimler Derneği Dergisi, vol.94, no.1, pp.1-10, 2023 (Peer-Reviewed Journal)
- IV. **Effects of Shilajit Added to Honeybee Sperm Extender on Sperm Freezing**
Ozkok A. O., Esin B., Selçuk M.
KSU TARIM VE DOĞA DERGİSİ-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.25, pp.591-596, 2022 (ESCI)
- V. **Sperm Storage and Artificial Insemination in Honey Bees**
ÖZTÜRK A. O., SELÇUK M.
International Journal of Science Letters, vol.2, no.1, pp.12-25, 2020 (Peer-Reviewed Journal)
- VI. **Reproductive Mechanism and Fertilization in Poultry**
NİZAM M. Y., SELÇUK M.
Tavukçuluk Araştırma Dergisi, vol.16, no.2, pp.68-73, 2019 (Peer-Reviewed Journal)
- VII. **Laktasyon Döneminde Mandaların Beslenmesi**
SELÇUK Z., SELÇUK M.
Türkiye Klinikleri Journal of Animal Nutrition and Nutritional Dis, 2017 (Peer-Reviewed Journal)
- VIII. **The effect of different extenders on freezing epididymal bull spermatozoa**
AKAL E., SELÇUK M., DEMİRCİ E.
Veteriner Hekimler Derneği Dergisi, vol.88, no.2, pp.68-81, 2017 (Peer-Reviewed Journal)
- IX. **Role of Low Density Lipoproteins in Semen Preservation**
AKAL E., KOÇYİĞİT A., SELÇUK M.
Kocatepe Veterinary Journal, vol.7, no.1, pp.69-74, 2014 (Peer-Reviewed Journal)
- X. **In Vitro Evaluation of Frozen Bull Sperm Thawed in The Different Systems**
SELÇUK M., AKAL E., ÇELEBİ M.
Kocatepe Veterinary Journal, vol.7, no.1, pp.33-37, 2014 (Peer-Reviewed Journal)
- XI. **Spermatozoon DNA sının Hasarına Neden Olan Faktörler Tamir ve Hasar Tespit Mekanizmaları**
AKAL E., SELÇUK M.
İstanbul Üniversitesi Veteriner Fakültesi Dergisi, vol.39, no.2, pp.284-293, 2013 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Koç ve Tekelerde Spermanın Kısa Süreli Saklanması**
SELÇUK M., NİZAM M. Y.
in: Küçükbaş Hayvanlarda Reprodüktif Biyoteknoloji, YENİ Deniz, Editor, TÜRKİYE KLİNİKLERİ (Ortadoğu Reklam Tanıtım Yayıncılık Turizm Eğitim İnşaat Sanayi ve Ticaret A.Ş.), pp.24-31, 2022
- II. **Mandalarda Süperovulasyon**
SELÇUK M., NİZAM M. Y.
in: MANDALARDA REPRODÜKTİF BİYOTEKNOLOJİ, MURAT SELÇUK, Editor, TÜRKİYE KLİNİKLERİ (Ortadoğu Reklam Tanıtım Yayıncılık Turizm Eğitim İnşaat Sanayi ve Ticaret A.Ş.), Ankara, pp.35-39, 2021
- III. **Manda Yetiştiriciliğinde Reprodüktif Biyoteknoloji**
SELÇUK M., NİZAM M. Y.
in: MANDALARDA REPRODÜKTİF BİYOTEKNOLOJİ, MURAT SELÇUK, Editor, TÜRKİYE KLİNİKLERİ (Ortadoğu Reklam Tanıtım Yayıncılık Turizm Eğitim İnşaat Sanayi ve Ticaret A.Ş.), Ankara, pp.1-7, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **Deslorelin slow release implants – What happens in the canine epididymis during recovery**
Greiner H., ASLAN S., Saral G., BİNLİ F., AKAL E., SELÇUK M., AY S. S., FINDIK M., Goericke-Pesch S.
1st European Symposium on Animal Reproduction, Nantes, France, France, 21 - 23 September 2023
- II. **Androgen signalling in canine testis subsequent to deslorelin implant treatment**
Vasetska A., Packeiser E., Körber H., ASLAN S., SARAL G., BİNLİ F., AKAL E., SELÇUK M., AY S. S., FINDIK M., et al.
1st European Symposium on Animal Reproduction, Nantes, France, France, 21 September 2023
- III. **Androgen signalling during downregulation and recovery subsequent to 5-month deslorelin treatment**
Vasetska A., Packeiser E. M., Körber H., ASLAN S., Saral G., BİNLİ F., AKAL E., SELÇUK M., AY S. S., FINDIK M., et al.
56th Annual Meeting for Physiology and Pathology of Reproduction and 48th Joint Meeting of Veterinary and Human Reproductive Medicine, 23 February 2023, vol.58, pp.35
- IV. **Morphological changes in the canine epididymis during recovery after 5-month treatment with a deslorelin implant**
Greiner H., ASLAN S., SARAL G., BİNLİ F., AKAL E., SELÇUK M., AY S. S., FINDIK M., Goericke-Pesch S.
56th Annual Meeting for Physiology and Pathology of Reproduction and 48th Joint Meeting of Veterinary and Human Reproductive Medicine, Germany, 22 February 2023, vol.58, pp.14
- V. **DISEASE MODELING IN BENIGN PROSTATE HYPERPLASIA**
NİZAM M. Y., SELÇUK M.
INTERNATIONAL CONGRESS ON REPRODUCTION AND ARTIFICIAL INSEMINATION, Konya, Turkey, 28 September 2022
- VI. **EFFECT OF NUTRITION ON REPRODUCTIVE PERFORMANCE IN MALE BUFFALOES**
SELÇUK M., SELÇUK Z., NİZAM M. Y.
INTERNATIONAL CONGRESS ON REPRODUCTION AND ARTIFICIAL INSEMINATION, Konya, Turkey, 28 September 2022
- VII. **CAUSES OF INFERTILITY IN MALE DOGS**
ULUNÇ F. N., SELÇUK M.
International Conference on Global Practice of Multidisciplinary Scientific Studies Dedicated to the 100th Anniversary of "GEORGIAN TECHNICAL UNIVERSITY - GTU", TİFLİS, Georgia, 24 June 2022, pp.667-678
- VIII. **Evaluation of Rooster Semen Frozen with Shilajit Containing Extender**
NİZAM M. Y., SELÇUK M.
EDUVET INTERNATIONAL VETERINARY SCIENCES CONGRESS, 25 June 2021
- IX. **The Use of Antioxidant in Cryopreservation of Rooster Semen**
NİZAM M. Y., SELÇUK M.
EDUVET INTERNATIONAL VETERINARY SCIENCES CONGRESS, 25 June 2021
- X. **Cryptorchidism in Dogs**
SELÇUK M., NİZAM M. Y.
EDUVET INTERNATIONAL VETERINARY SCIENCES CONGRESS, 25 June 2021
- XI. **Identification of DNA Damage in Rooster Sperm**
NİZAM M. Y., SELÇUK M.
EDUVET INTERNATIONAL VETERINARY SCIENCES CONGRESS, 25 June 2021
- XII. **THE NEW APPROACHES IN CRYOPRESERVATION OF STALLION SEMEN**
SELÇUK M., NİZAM M. Y.
3. International Conference on Agriculture, Food, Veterinary and Pharmacy Science, 16 - 18 April 2019
- XIII. **THE USE OF ANTIOXIDANT IN CRYOPRESERVATION OF BUFFALO SEMEN**
SELÇUK M., NİZAM M. Y.
3. International Conference on Agriculture, Food, Veterinary and Pharmacy Science, 16 - 18 April 2019
- XIV. **Different Approaches to Freezing Of Stallion Sperm**
NİZAM M. Y., SELÇUK M., ÇEVİK M.
I. International Equine Medicine Training Congress, Samsun, Turkey, 21 - 24 March 2019

- XV. **Historical Development of Artificial Insemination in Mares**
SELÇUK M., NİZAM M. Y., AKAL E.
I. International Equine Medicine Training Congress, Samsun, Turkey, 21 - 24 March 2019
- XVI. **Gender Diagnosis in the Preimplante Equine Embryos**
KAYA C., YALÇIN B., SELÇUK M., ÇEVİK M.
I. INTERNATIONALEQUINE MEDICINETRAINING CONGRESS, 21 - 24 March 2019
- XVII. **CONTROL OF REPRODUCTION IN MARES**
AKAR M., SELÇUK M., YALÇIN B.
I. INTERNATIONAL EQUINE MEDICINE AND TRAINING CONGRESS, Samsun, Turkey, 21 - 24 March 2019, pp.121-122
- XVIII. **An Overview Some Metabolic Diseases and Fertility Disorders in Organic Dairy Herds**
SELÇUK M., MURUZ H., SELÇUK Z.
International Congress on Engineering and Life Science, 26 - 29 April 2018
- XIX. **EPİDİDİMAL BOĞA SPERMASININ DONDURULMASINDA FARKLI SULANDIRICILARIN ETKİSİ**
AKAL E., SELÇUK M., Demirci E.
9. ULUSAL REPRODÜKSİYON VE SUNİ TOHURLAMA BİLİM KONGRESİ, Turkey, 5 - 09 September 2018
- XX. **Heat stress in dairy cows: Relationship between nutrition and reproduction**
SELÇUK Z., SELÇUK M.
Türk veteriner jinekoloji derneği I. Uluslararası Kongresi, 15 - 18 October 2017
- XXI. **THE EFFECT OF GRAPE SEED EXTRACT ON SOME SPERMATOLOGICAL PARAMETRES IN ALBINO WISTAR RATS WITH SWIMMING EXERCISE**
SELÇUK M., TUTKUN E., KABAK Y. B., AKAL E., SOSLU R., KAYA M., AYYILDIZ M., AĞAR E.
VI. NATIONAL I.INTERNATIONAL CONGRESS OF TURKISH SOCIETY OF VETERINARY GYNAECOLOGY, 12 - 15 October 2017
- XXII. **The effect of grape seed extract on some spermatological parameters in Albino Wistar rats with swimming exercise**
SELÇUK M., TUTKUN E., KABAK Y. B., AKAL E., SOSLU R., KAYA M., AYYILDIZ M., AĞAR E.
Türk Veteriner Jinekoloji Derneği I. Uluslararası Kongresi, 12 - 15 October 2017
- XXIII. **The effects of grape seed extract on some spermatological parameters in albino wistar rats with swimming exercise**
SELÇUK M., TUTKUN E., KABAK Y. B., AKAL E., SOSLU R., KAYA M., AYYILDIZ M., AĞAR E.
I International Congress of Turkish Society of Veterinary Gynaecology, Marmaris, Turkey, 12 - 15 October 2017, pp.171
- XXIV. **The effect of grape seed exact on some spermatological parameters in Albino Wistar Rats with swimming exercise**
SELÇUK M., TUTKUN E., KABAK Y. B., AKAL E., SOSLU R., KAYA M., AYYILDIZ M., AĞAR E.
VII. National I. International Congres of Turkish Society of Veterinary Gynaecology, Muğla, Turkey, 15 - 18 October 2017, pp.170-171
- XXV. **Diseases related to productivity in organic and conventional dairy farms**
SELÇUK Z., SELÇUK M.
1. Uluslararası Organik Tarım ve Biyoçeşitlilik Sempozyumu, 27 - 29 September 2017
- XXVI. **Yüksek Verimli Süt İneklerinde Beslenme ve Metabolizmanın Fertilitateye Etkisi**
SELÇUK Z., SELÇUK M.
1th International Nutrition Congress, 28 September - 01 October 2016
- XXVII. **Sığırlarda suni tohumlamada sağlık riskleri ve kontrol yöntemleri**
SELÇUK M., FINDIK A.
XII. Veteriner Hekimleri Mikrobiyoloji Kongresi, 30 August - 02 September 2016
- XXVIII. **Evaluation of sperm quality of rams with unilateral scrotal hernia**
SELÇUK M., AKAL E.
3th International Vetistanbul Group Congress 2016, 17 - 20 May 2016
- XXIX. **Farelerde Deneysel Testis Torsiyonu İskemi Reperfüzyon Modeli**

SELÇUK M.

Laboratuvar Hayvanları Bilimi Kongresi (Uluslararası Katılımlı), Turkey, 7 - 09 October 2015

XXX. **Effect of Epididymal Sperm Cryopreservation on DNA Damage in Anatolian Buffaloes**

AKAL E., SELÇUK M.

II İnternational VETistanbul Group Congres, 7 - 09 April 2015

XXXI. **Deneysel olarak iskemi reperfüzyon oluşturulan fare testislerinde e selektin ekspresyonu**

SELÇUK M., ÇELEBİ M., GÜLBAHAR M. Y., KABAK Y. B.

6. Ulusal Reprodüksiyon ve Suni Tohumlama Bilim Kongresi, Turkey, 18 - 22 May 2011, vol.84, pp.167-176

XXXII. **Spermanın saklanması düşük yoğunluklu lipoproteinlerin LDL rolü**

KOÇYİĞİT A., AKAL E., SELÇUK M.

VII. Ulusal Reprodüksiyon ve Suni Tohumlama Kongresi, Turkey, 1 - 04 July 2013

XXXIII. **Investigation of potential testicular toxicity of subchronic application of alphacypermethrin in rabbits**

AKSOY A., YAVUZ O., DAŞ Y. K., GÜLBAHAR M. Y., ÇEVİK M., SELÇUK M., YARIM G. F., BEDİR A.

11th Internati onal Congress of the European Association for Veterinary Pharmacology and Toxicology (Journal of Veterinary Pharmacology and Therapeutics), Leipzig, Germany, 12 - 16 July 2009, vol.32, pp.183