

## Assoc. Prof. Volkan Koşal

### Personal Information

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### International Researcher IDs

ORCID: 0000-0001-5268-5046

Publons / Web Of Science ResearcherID: GYQ-7967-2022

ScopusID: 57194626758

Yoksis Researcher ID: 28888

### Education Information

Doctorate, Van Yüzüncü Yil University, Veteriner Fakültesi, Klinik Bilimleri Bölümü, Turkey 2014 - 2018

Undergraduate, Ankara University, Veteriner Fakültesi, Turkey 2007 - 2013

### Dissertations

Doctorate, Ratlarda deneysel benign prostat hiperplazisi modelinde sperm DNA hasarı tespiti, 2018

### Research Areas

Health Sciences, Veterinary Sciences, Clinical Sciences, Veterinary Reproduction and Artificial Insemination

### Academic Titles / Tasks

Assistant Professor, Van Yüzüncü Yil University, Veteriner Fakültesi, Klinik Bilimleri Bölümü, 2019 - Continues

Research Assistant, Van Yüzüncü Yil University, Veteriner Fakültesi, Klinik Bilimleri Bölümü, 2013 - 2018

### Academic and Administrative Experience

Van Yüzüncü Yil University, 2016 - Continues

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

1. **Effect of castration and vasectomy on some oxidative stress parameters and blood hormone levels in rats** Efeito da castração e da vasectomia em alguns parâmetros de estresse oxidativo e níveis de hormônios no sangue  
SANCAK T., Koşal V., Okulmus C.

- Arquivo Brasileiro de Medicina Veterinaria e Zootecnia, vol.75, no.4, pp.651-656, 2023 (SCI-Expanded)
- II. **Investigation of the effect of Coenzyme-Q10 on Cyclophosphamide induced testicular damage in male rats** *Investigación del efecto de la coenzima Q10 sobre el daño testicular inducido por ciclofosfamida en ratas macho*  
Koşal V., Rua İ., Yüksek V., Keleş Ö. F.  
Revista Científica de la Facultad de Veterinaria, vol.33, no.2, 2023 (SCI-Expanded)
  - III. **The effects of levamisole and albendazole on spermatological parameters, testosterone levels, and sperm DNA damage in Saanen bucks**  
Yucel U. M., Koşal V., Taspınar F., Uslu B. A.  
TROPICAL ANIMAL HEALTH AND PRODUCTION, vol.53, no.5, 2021 (SCI-Expanded)
  - IV. **Adverse effects of oxytetracycline and enrofloxacin on the fertility of Saanen bucks**  
Yucel U. M., Koşal V., Kara M., Taspınar F., Uslu B. A.  
TROPICAL ANIMAL HEALTH AND PRODUCTION, vol.53, no.5, 2021 (SCI-Expanded)
  - V. **Protective Effects of Chrysin in Rats with Ovarian Torsion**  
Dirik D., Kömüroğlu A. U., Koşal V., Başbuğan Y., Özdek U., Kulusari P., Keleş Ö. F.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.27, no.4, pp.417-424, 2021 (SCI-Expanded)
  - VI. **The effects of propofol and midazolam on rat spermatogenic parameters [Efeitos do propofol e midazolam em parâmetros espermatozoides em ratos]**  
Celaleddin S., Volkan K.  
Arquivo Brasileiro de Medicina Veterinaria e Zootecnia, vol.72, no.5, pp.0-1730, 2020 (SCI-Expanded)
  - VII. **A retrospective examination of reproduction and survival rates of Van cats**  
Çak B., Uslu B. A., Demirel A. F., GÜLYÜZ F., Yılmaz O., Koşal V.  
INDIAN JOURNAL OF ANIMAL RESEARCH, vol.51, no.3, pp.415-419, 2017 (SCI-Expanded)
  - VIII. **Is there a relationship between serum minerals (Ca, Mg) and trace elements (Cu, Fe, Mn, Zn) at mating on pregnancy rates in fat-tailed Morkaraman sheep?**  
Uslu B. A., Mis L., Gülyüz F., Comba B., Ucar O., Taşal I., Comba A., Koşal V., Şendağ S., Wehrend A.  
INDIAN JOURNAL OF ANIMAL RESEARCH, vol.51, pp.256-262, 2017 (SCI-Expanded)

## Articles Published in Other Journals

- I. **The Effect of Diclofenac Sodium on Oxidative Stress and Some Reproductive Hormones in Rat Uterus**  
Demirhan Y., Koşal V.  
Fırat Üniversitesi Sağlık Bilimleri Veteriner Dergisi, vol.38, no.2, pp.136-141, 2024 (Peer-Reviewed Journal)
- II. **Protective Effect of Subsieve Grape Extract (Vitis vinifera L.) on Testes, Reproductive Hormones, and Some Spermatological Parameters in Heat Stress-Induced Rats** *Elektü Üzüm Ekstraktının (Vitis Vinifera L.) Sıcaklık Stresi Uygulanan Ratlarda Testis, Reprodüktif Hormonlar ve Bazı Spermatolojik Parametreler Üzerine Koruyucu Etkisi*  
Koşal V., Avcı A., Bingöl N. T., Keleş Ö. F., Kömüroğlu A. U., Okulmuş Ç.  
Veterinary Sciences and Practices, vol.18, no.3, pp.112-116, 2023 (Scopus)
- III. **Investigation of Reproductive Parameters in Male Geriatric (3 years old) Rats**  
Koşal V., KELES O. F., kömüroğlu a. u., BAŞBUĞAN Y.  
Van Veterinary Journal, vol.34, no.2, pp.174-179, 2023 (Peer-Reviewed Journal)
- IV. **The Effect of Tarantula cubensis (Theranekron) on Some Reproductive Parameters in Male Rats**  
Koşal V., Keleş Ö. F.  
Iranian Journal of Veterinary Medicine, vol.17, no.2, pp.107-112, 2023 (Scopus)
- V. **The Effect of Nitroglycerin in Testicular Histopathology, Reproductive Hormones and Testicular Oxidative Stress in Adolescent Rats**  
KOŞAL V., OKULMUŞ Ç., KOÇAK Y., KELEŞ Ö. F., BAŞBUĞAN Y., CEYLAN N.  
Mansoura Veterinary Medical Journal, 2023 (Peer-Reviewed Journal)
- VI. **Effect of Body Condition Score On Estrus-Ovulation Synchronization and Pregnancy in Cows and**

## Heifers

Koşal V., Gülyüz F., Uslu B. A.

Van Veterinary Journal, vol.32, no.1, pp.18-21, 2021 (Peer-Reviewed Journal)

## VII. The Effect of Dietary Supplemental Levels of Rosehip Fruit on Egg Yield and Characteristics and Live Weight Change and Feed Conversion Ratio of Cold Stressed Laying Hen Diet

Yıldız S., Tekeli A., Demirel M., Aldemir R., Yörük İ. H., Belhan S., Koşal V.

Van Veterinary Journal, vol.31, no.2, pp.67-73, 2020 (Peer-Reviewed Journal)

## VIII. Changes in Sperm Parameters Following Administration of Theophylline, a Competitive Antagonist of Adenosine in Rats Exposed to Bleomycin, a Chemotherapeutic Agent

Belhan S., Oto G., Arihan O., Koşal V.

Atatürk Üniversitesi Veteriner Bilimleri Dergisi, vol.14, no.3, pp.246-251, 2019 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

### I. The effect of levamisole and albendazole on sperm DNA integrity, semen characteristics and testosterone levels in the male goats.

Yücel U. M., Koşal V., Taşpınar M., Uslu B. A., Şendağ S., Wehrend A.

DVG-VET Congress, Berlin, Germany, 14 - 16 November 2019, vol.1, pp.179-181

### II. Van Kedilerinin Üreme ve Yaşama Gücü Özelliklerinin Retrospektif Olarak İncelenmesi

Çak B., Uslu B. A., Demirel A. F., Gülyüz F., Yılmaz O., Koşal V.

8. Uluslararası Katılımlı Ulusal Reprodüksiyon ve Suni Tohumlama Bilim Kongresi, Antalya, Turkey, 5 - 09 October 2016, pp.127-128

### III. Is there a relationship between serum minerals Ca Mg and trace elements Cu Fe Mn Zn at mating and pregnancy rates in fat tailed Morkaraman sheep

USLU B. A., MİS L., GÜLYÜZ F., COMBA B., ARZU C., KOŞAL V., ŞENDAĞ S., UÇAR Ö.

48th Annual Conference Physiology and Pathology of Reproduction and simultaneously 40th Joint Congress of Veterinary and Human, Zürich, Switzerland, 11 - 13 February 2015

## Scientific Refereeing

KAFKAS UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, SCI Journal, September 2020

REPRODUCTIVE TOXICOLOGY, SCI Journal, July 2020

REPRODUCTIVE TOXICOLOGY, SCI Journal, May 2020

## Metrics

Publication: 22

Citation (WoS): 6

Citation (Scopus): 16

H-Index (WoS): 2

H-Index (Scopus): 2

## Non Academic Experience

Van Bölgesi Veteriner Hekimler Odası