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Education Information

Doctorate, Ondokuz Mayıs University, Turkey 2006 - 2012

Undergraduate, Bursa Uludağ University, Veteriner Fakültesi, Turkey 1997 - 2004

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Farelerde kuprizon ile oluşturulan demiyelinizasyonda patolojik ve immunohistokimyasal çalışmalar, Ondokuz Mayıs University, Institute Of Health Sciences, 2012

Research Areas

Veterinary Pathology

Academic Titles / Tasks

Assistant Professor, Erciyes University, Veteriner Fakültesi, 2014 - 2016

Research Assistant, Ondokuz Mayıs University, Veteriner Fakültesi, Klinik Öncesi Bilimler Bölümü, 2006 - 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- Canine Parvoviral Enteritis - The Role of MMP-9 and TIMP-1 in the Pathogenesis of Intestinal Inflammation**
Karayiğit M. Ö., Aydoğan A., Halgür M., Başbuğ O., Karataş Ö.
ACTA SCIENTIAE VETERINARIAE, vol.52, no.1964, pp.1-7, 2024 (SCI-Expanded)

- II. **Immunohistochemical expression of MMP-2 and MMP-9 in the brain tissue of sheep naturally infected with *Listeria monocytogenes* and relationship with cell death in the Listerial encephalitis**
Expresión inmunohistoquímica de MMP-2 y MMP-9 en el tejido cerebral de ovejas infectadas naturalmente con *Listeria monocytogenes* y relación con la muerte celular en la encefalitis por listeria
 KARAYİĞİT M. Ö., HALIGÜR M., EKİCİ M.
 Revista Científica de la Facultad de Veterinaria, vol.34, no.3, 2024 (SCI-Expanded)
- III. **Carvacrol Mitigates Bleomycin-Induced Experimental Pulmonary Fibrosis**
 TURGUT N. H., GÜNGÖR H., EKİCİ M., KARAYİĞİT M. Ö., KARA H.
 JOURNAL OF EVOLUTIONARY BIOCHEMISTRY AND PHYSIOLOGY, vol.59, no.5, pp.1577-1599, 2023 (SCI-Expanded)
- IV. **Cardioprotective Effect of Empagliflozin in Rats with Isoproterenol-Induced Myocardial Infarction: Evaluation of Lipid Profile, Oxidative Stress, Inflammation, DNA Damage, and Apoptosis**
 EKİCİ M., GÜNGÖR H., KARAYİĞİT M. Ö., TURGUT N. H., KOÇKAYA M., KARATAŞ Ö., Uner A. G.
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- V. **Boldine provides protective effect against nephrotoxicity induced by cisplatin in Wistar rats: Role of oxidative stress, inflammation and caspase-3**
 TURGUT N. E. R. G. I. Z. H. A. C. E. R., GÜNGÖR H., EKİCİ M., ERDOĞAN M. U. M. I. N. A. L. P. E. R., KARAYİĞİT M. Ö., KARA H.
 BIOCELL, vol.46, no.9, pp.2111-2122, 2022 (SCI-Expanded)
- VI. **Temporal overexpression of IL-22 and Reg3 gamma differentially impacts the severity of experimental autoimmune encephalomyelitis**
 EKEN A., Erdem S., Haliloglu Y., Zehra Okus F., Cakir M., Fatih Yetkin M., Akcakoyunlu M., KARAYİĞİT M. Ö., Azizoglu Z. B., Bicer A., et al.
 IMMUNOLOGY, vol.164, no.1, pp.73-89, 2021 (SCI-Expanded)
- VII. **Role of ADAMTS-13 and nNOS expression in neuropathogenesis of listeric encephalitis of small ruminants**
 Karayigit M. Ö., Dincel G. C.
 BIOTECHNIC & HISTOCHEMISTRY, vol.95, no.8, pp.584-596, 2020 (SCI-Expanded)
- VIII. **The effects of chrysin on lipopolysaccharide-induced sepsis in rats**
 KOÇ F., TEKELİ M. Y., KANBUR M., Karayigit M. Ö., LİMAN B. C.
 JOURNAL OF FOOD BIOCHEMISTRY, vol.44, no.9, 2020 (SCI-Expanded)
- IX. **Zingerone ameliorates oxidative stress and inflammation in bleomycin-induced pulmonary fibrosis: modulation of the expression of TGF-beta 1 and iNOS**
 GÜNGÖR H., EKİCİ M., Karayigit M. Ö., Turgut N. H., KARA H., Arslanbas E.
 NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY, vol.393, no.9, pp.1659-1670, 2020 (SCI-Expanded)
- X. **ANTI-INFLAMMATORY ACTIVITY OF TURKEY SOURCE PUMPKIN SEED OIL IN RAT EDEMA MODEL**
 ARSLANBAŞ E., KARA H., Karayigit M. Ö., DOĞAN H. O., Yildiz S. N.
 ACTA POLONIAE PHARMACEUTICA, vol.77, no.2, pp.305-312, 2020 (SCI-Expanded)
- XI. **Use of fascia lata autograft for repair of urinary bladder defect in rabbits**
 YÖNEZ M. K., ATALAN G., Karayigit M. Ö., ALPMAN U.
 ACTA VETERINARIA BRNO, vol.88, no.1, pp.57-63, 2019 (SCI-Expanded)
- XII. **Nitric Oxide Synthase Expression in Naturally Infected Sheep Brain with *Listeria monocytogenes* and Relationship with Cell Death**
 Karayigit M. Ö.
 ACTA SCIENTIAE VETERINARIAE, vol.46, 2018 (SCI-Expanded)
- XIII. **Estrogen and Progesterone Synthesis with Cellular Response in a C57BL/6 Mouse Model of Cuprizone-Induced Demyelination**
 Karayigit M. Ö., Yarim M.
 ACTA SCIENTIAE VETERINARIAE, vol.46, 2018 (SCI-Expanded)
- XIV. **Effects of spermine and the passive avoidance learning (PAL) following cerebral ischemia in chicks: Association with neuroprotection of pyramidal cells**

- Kaplan S., Onger M. E., Altunkaynak B. Z., Elibol E., Deniz O. G., Karayigit M. Ö., Yarim M., Marangoz C., Rağbetli M. Ç.
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- XV. **Oral metastatic melanoma with neurosarcomatous transformation in a dog**
Gulbahar M. Y., Ozak A., Kabak Y. B., Karayigit M. Ö., Gacar A.
ANKARA UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.63, no.1, pp.89-92, 2016 (SCI-Expanded)
- XVI. **Effect of Mitomycin C on bFGF, TGF-beta 1, KGF-1 Expressions after Myringotomy: An Animal Study**
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- XVII. **Immunohistochemical detection of autophagy-related microtubule-associated protein 1 light chain 3 (LC3) in the cerebellums of dogs naturally infected with canine distemper virus**
Kabak Y. B., Sozmen M., Yarim M., Guvenc T., Karayigit M. Ö., Gulbahar M. Y.
BIOTECHNIC & HISTOCHEMISTRY, vol.90, no.8, pp.601-607, 2015 (SCI-Expanded)
- XVIII. **Aortic Body Cell Tumor with Kidney Metastasis in a Dog**
Karayigit M. Ö., ASLAN Ö., ÇAKIR BAYRAM L., Yaman D., DÜZLER A., KARACA BEKDİK İ., EKEBAŞ G.
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.21, no.5, pp.785-788, 2015 (SCI-Expanded)
- XIX. **Inducible nitric oxide synthase expression in cerebellum of dogs naturally infected with canine distemper virus**
Yarim M., Karayigit M. Ö., Gacar A., Kabak Y. B., Gulbahar M. Y., Guvenc T., Sozmen M.
ANKARA UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.62, no.3, pp.189-196, 2015 (SCI-Expanded)
- XX. **The olive leaf extract attenuates bacterial translocation and liver damage in obstructive jaundice**
Yildirim M., Amanvermez R., Polat C., Karadag A., Karayigit M. Ö., Erzurumlu K.
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- XXI. **Sarcomatoid renal cell carcinoma with scant epithelial components in an Angora cat**
Gulbahar M. Y., Arslan H. H., Gacar A., Karayigit M. Ö., Nisbet O., Albayrak H., Kabak Y. B.
NEW ZEALAND VETERINARY JOURNAL, vol.61, no.6, pp.362-366, 2013 (SCI-Expanded)
- XXII. **Immunohistochemical Characterization of Peroxisome Proliferator-Activated Receptors in Canine Normal Testis and Testicular Tumours**
Sozmen M., Kabak Y. B., Gulbahar M. Y., Gacar A., Karayigit M. Ö., Guvenc T., Yarirn M.
JOURNAL OF COMPARATIVE PATHOLOGY, vol.149, no.1, pp.10-18, 2013 (SCI-Expanded)
- XXIII. **Effects of low level electromagnetic field exposure at 2.45 GHz on rat cornea**
Akar A., Karayigit M. Ö., Bolat D., Gultiken M. E., Yarim M., Castellani G.
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- XXIV. **Is It Really Necessary to Delay Intranasal Steroid Treatment after FESS? An Animal Study**
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- XXV. **Myelin basic protein profile of central nervous system in experimentally induced demyelination and remyelination**
Yarim G. F., Yarim M., Ciftci G., Karayigit M. Ö.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.38, no.4, pp.451-456, 2013 (SCI-Expanded)
- XXVI. **Nesidioblastosis in a Simmental Calf**
Gacar A., Pekmezci D., Karayigit M. Ö., Kabak Y. B., Gulbahar M. Y.
JOURNAL OF COMPARATIVE PATHOLOGY, vol.147, no.4, pp.491-494, 2012 (SCI-Expanded)
- XXVII. **Effects of exposure to electromagnetic field (1.8/0.9 GHz) on testicular function and structure in growing rats**
Nisbet H. O., Nisbet C., Akar A., Cevik M., Karayigit M. Ö.
RESEARCH IN VETERINARY SCIENCE, vol.93, no.2, pp.1001-1005, 2012 (SCI-Expanded)
- XXVIII. **The morphology of the pecten oculi in the common buzzard (Buteo buteo)**
Gultiken M. E., Yildiz D., Onuk B., Karayigit M. Ö.
VETERINARY OPHTHALMOLOGY, vol.15, pp.72-76, 2012 (SCI-Expanded)
- XXIX. **The effects of aging on the central nervous system steroid profiles and myelin basic protein in rats**

- Ciftci G., Yarim G. F., Yarim M., Karayigit M. Ö., Cenesiz S., Nisbet C., Gultiken M. E.
AGING CLINICAL AND EXPERIMENTAL RESEARCH, vol.24, no.2, pp.117-124, 2012 (SCI-Expanded)
- XXX. **Alpha basic crystallin expression in canine mammary tumors**
Guvenc T. I., Gulbahar M. Y., Yarim M., Kabak Y. B., Karayigit O., Sozmen M.
JOURNAL OF VETERINARY SCIENCE, vol.13, no.1, pp.39-42, 2012 (SCI-Expanded)
- XXXI. **Insulinoma with regional lymph node metastasis in a dog**
Karayigit M. Ö., Kabak Y. B., Yarim M., Sirin S., Gulbahar M. Y.
ANKARA UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.59, no.1, pp.71-73, 2012 (SCI-Expanded)
- XXXII. **ICHTHYOSIS FETALIS IN A CALF**
Gulbahar M. Y., Karayigit M. Ö., Yarim M., Kabak Y. B., Gacar A., Guvenc T.
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- XXXIII. **ASSOCIATION OF AROMATASE AND 3 beta HSD WITH CUPRIZONE-INDUCED DEMYELINATION AND REMYELINATION IN C57BL/6 MICE**
Yarim M., Karayigit M. Ö., Ciftci G.
JOURNAL OF COMPARATIVE PATHOLOGY, vol.146, no.1, pp.63, 2012 (SCI-Expanded)
- XXXIV. **Ki67 expression in the cerebellum of dogs with distemper**
Yarim M., Gulbahar M. Y., Guvenc T., Kabak Y. B., Karayigit M. Ö.
REVUE DE MEDECINE VETERINAIRE, vol.162, no.5, pp.246-251, 2011 (SCI-Expanded)
- XXXV. **The expressions of HSP70 and alpha B-crystallin in myocarditis associated with foot-and-mouth disease virus in lambs**
Gulbahar M. Y., Kabak Y. B., Karayigit M. Ö., Yarim M., Guvenc T., Parlak U.
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- XXXVI. **OSSIFYING PILOMATRICOA IN A DOG**
Yarim M., Gulbahar M. Y., Nisbet O. H., Kabak Y. B., Karayigit M. Ö., Gacar A.
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- XXXVII. **Tarsal plate: Protective Structure Peculiar to Buzzard's (Buteo buteo) Palpebra Inferioris**
GÜLTİKEN M. E., ONUK B., KARAYİĞİT M. Ö., YILDIZ D.
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.16, no.6, pp.1001-1004, 2010 (SCI-Expanded)
- XXXVIII. **Aromatase expression in the cerebellum of the dog infected with canine distemper virus**
Yarim M., Gulbahar M. Y., Guvenc T., Karahan S., Harada N., Kabak Y. B., Karayigit M. Ö.
BERLINER UND MUNCHENER TIERARZTLICHE WOCHENSCHRIFT, vol.123, pp.301-306, 2010 (SCI-Expanded)
- XXXIX. **MYXOID LIPOSARCOMA IN A CAT**
Gulbahar M. Y., Kabak Y. B., Karayigit M. Ö., Yardimci C., Yarim M., Guvenc T., Nisbet O.
JOURNAL OF COMPARATIVE PATHOLOGY, vol.141, no.4, pp.288, 2009 (SCI-Expanded)
- XL. **Characterization of local immune response against lungworms in naturally infected sheep**
Gulbahar M. Y., Davis W. C., Yarim M., Guvenc T., Umur S., Kabak Y. B., Karayigit M. Ö., Beyhan Y. E.
VETERINARY PARASITOLOGY, vol.160, pp.272-278, 2009 (SCI-Expanded)

Articles Published in Other Journals

- I. **eNOS Expression in the Cerebellum of Dogs Naturally Infected with Canine Distemper Virus and Relationship with Apoptosis**
KARAYİĞİT M. Ö.
Balıkesir Sağlık Bilimleri Dergisi (BSBD), vol.13, no.2, pp.390-396, 2024 (Peer-Reviewed Journal)
- II. **Comparison of Bioabsorbable Calcified Triglyceride Bone Cement Versus Deproteinized Bovine Bone in Guided Bone Regeneration: Experimental Study**
OTAN ÖZDEN F., KOÇYİĞİT S., DEMİR E., KARAYİĞİT M. Ö.
Türkiye Klinikleri Dış Hekimliği Bilimleri Dergisi, vol.29, no.2, pp.331-337, 2023 (Peer-Reviewed Journal)
- III. **Adana'da 2016-2018 yılları arasında incelenen evcil hayvan tümörlerinin değerlendirilmesi**
AYDOĞAN A., HALIGÜR M., HALIGÜR A., ÖZKADİF S., KARAYİĞİT M. Ö.

- Mehmet Akif Ersoy Üniversitesi Veteriner Fakültesi Dergisi, vol.6, pp.72-77, 2021 (Peer-Reviewed Journal)
- IV. **Treatment of Operation Wounds in Rats with Antibiotic-Coated Magnetic Nanoparticles**
ŞEN İ., KARAYİĞİT M. Ö., KARA H., KARATAŞ Ö.
International Journal of Academic Medicine and Pharmacy, vol.1, pp.26-33, 2020 (Peer-Reviewed Journal)
- V. **Sıçanlarda Deneysel Oluşturulan Yara Modelinde Morus Alba Ekstraktının Etkinliğinin Belirlenmesi**
KARA H., ŞAHİN M. B., GÜNGÖR H., KUMRU A. S., YILMAZ G., KARAYİĞİT M. Ö.
Turkish Veterinary Journal, 2020 (Peer-Reviewed Journal)
- VI. **Parvovirus ile Doğal Enfekte Köpeklerde Matris Metalloproteinaz-9 Ekspresyonu**
KARAYİĞİT M. Ö., KARATAŞ Ö.
Sağlık Bilimleri Dergisi, vol.26, pp.60-63, 2018 (Peer-Reviewed Journal)
- VII. **Scottish Fold Irkı Bir Kedide Feline İnfeksiyöz Peritonitis Olgusu**
KARAYİĞİT M. Ö., AYDOĞDU U., ŞEN İ., BAŞBUĞ O., DÖRTBUDAK M. B., KARATAŞ Ö., TUZCU M.
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- VIII. **Gerze Horoz ve Tavuklarında Larynx, Trachea ve Syrinx in Anatomik Yapısının Belirlenmesi**
ONUK B., KABAK M., GÜLBAHAR M. Y., KABAK Y. B., DEMİRCİ B., KARAYİĞİT M. Ö., GÜLTİKEN M. E.
İstanbul Üniversitesi Veteriner Fakültesi Dergisi, vol.41, no.1, 2015 (Scopus)
- IX. **Sistemik Yangısal Cevap Sendromu Bulunan Pyometralı Bir Köpekte Periton Diyalizi Uygulaması**
KOLDAŞ E., GÜLTİKEN N., KÖSE M. E., KARAYİĞİT M. Ö.
Erciyes Üniversitesi Veteriner Fakültesi Dergisi, vol.10, no.2, pp.143-147, 2013 (Peer-Reviewed Journal)
- X. **Is Frozen Taxidermy an Alternative Method for Demonstration of Dermatopathies?**
DEMİRCİ B., GÜLTİKEN M. E., KARAYİĞİT M. Ö., ATALAR K.
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Refereed Congress / Symposium Publications in Proceedings

- I. **iNOS Expression in Intestinal Inflammation Caused by Paratuberculosis Disease in Goats**
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- II. **Immunohistochemically iNOS Expression in the Cerebellum of Dogs Infected with Canine Distemper Virus and its Relationship with Cell Death**
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- III. **Neurosteroids**
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- IV. **Nitric Oxide Functions and Relationship Disease**
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7th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2024), Ankara, Turkey, 2 - 04 October 2024, pp.717-720
- V. **Immunohistochemical Investigation of t**
KARAYİĞİT M. Ö.
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- VI. **Immunohistochemical Expression of Matrix Metalloproteinase-9 (MMP-9) and Tissue Inhibitors of Matrix Metalloproteinases-1 (TIMP-1) in Natural Canine Parvoviral Enteritis Infection**

KARAYİĞİT M. Ö.

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- VII. **Investigation Of The Effect Of Rutin In A Model Of Bleomycin-Induced Lung Fibrosis In Rats**
TURGUT N. H., GÜNGÖR H., EKİCİ M., KARAYİĞİT M. Ö., KARA H.
International Multidisciplinary Symposium on Drug Research and Development - DRD 2023, İzmir, Turkey, 4 - 06 May 2023
- VIII. **The Effect of Schisandrin B on the Development of Multiple Sclerosis**
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- X. **SIÇANLARDA BLEOMİSİN İLE İNDÜKLENEN AKCİĞER FİBROZİSİ MODELİNDE ZİNGERONUN ETKİSİNİN ARAŞTIRILMASI**
GÜNGÖR H., EKİCİ M., KARAYİĞİT M. Ö., TURGUT N. H., KARA H., ARSLANBAŞ E.
25. Ulusal Farmakoloji Kongresi, Turkey, 4 - 07 October 2019
- XI. **IL-22 and Reg3 γ Overexpression Affects Experimental Autoimmune Encephalomyelitis Severity**
EKEN A., YETKİN M. F., Okuş F. Z., ÇAKIR M., KARAYİĞİT M. Ö., erdem ş., Haliloglu Y., Oukka M., ALTUNTAŞ H., MİRZA M., et al.
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- XII. **Nitric Oxide Synthase Expression in Sheep with Listerial Meningoencephalitis and Relationship with Apoptosis**
KARAYİĞİT M. Ö.
IX. Ulusal Veteriner Patoloji Kongresi, Antalya, Turkey, 25 - 28 October 2018
- XIII. **Listera Monocytogenes ile Doğal Enfekte Koyunların Merkezi Sinir Sisteminde MMP-2 ve MMP-9 ekspresyonu**
KARAYİĞİT M. Ö.
IX. Ulusal (Uluslararası Katılımlı) Veteriner Patoloji Kongresi, Antalya, Turkey, 25 - 28 October 2018
- XIV. **Use of Facia Lata Autograft for Repairing of Urinary Bladder Defect in Rabbits**
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3. International Congress on Advances in Veterinary Science and Technics (ICAVST), Belgrade, Serbia, 5 - 09 September 2018
- XV. **MMP-2 Relationship with Intestinal Inflammation in Naturally Infected Dogs with Parvovirus**
KARAYİĞİT M. Ö.
International Eurasian Conference on Biological and Chemical Sciences (Eurasian 2018), Ankara, Turkey, 26 - 27 April 2018
- XVI. **Brain Tissue Level of Nerve Growth Factor in a Mouse Model of Cuprizone-Induced Demyelination**
YARIM M., KARAYİĞİT M. Ö., YARIM G. F.
Innovations and State of The Art in Dementia Research, ROMA, Italy, 7 - 09 September 2017
- XVII. **C57BL/6 Irkı Farelerde Kuprizon ile Oluşturulan Demyelinasyonda Nörosteroid Hormonların Etkisi**
KARAYİĞİT M. Ö., YARIM M.
VIII. Ulusal Veteriner Patoloji Kongresi, Samsun, Turkey, 1 - 03 September 2016
- XVIII. **The Relationship Between Memory and Steroidogenic Enzyme in Cuprizone Mediated Demyelination/Remyelination in C57BL/6 Mice.**
YARIM M., KARAYİĞİT M. Ö.
7. the International Regional (North America) ISBS Neuroscience and Biological Psychiatry Conference, Florida, United States Of America, 22 - 24 June 2016
- XIX. **Oral Metastatic Melanoma with Neurosarcomatous Transformation in a Dog**

GÜLBAHAR M. Y., ÖZAK A., KABAK Y. B., KARAYİĞİT M. Ö., GACAR A.

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- XX. **Bioabsorbable Calcified Triglyseride Bone Cement Versus Deproteinized Bovine Bone for Guided Bone Regeneration: An Experimental Study in the Rat**
OTAN ÖZDEN F., STAVROPAULES A., ÖZDEN B., BAŞ B., SÖZMEN M., KARAYİĞİT M. Ö., DEMİR E.
8. Conference of the European Federation of Periodontology, Londrina, Brazil, 3 - 06 June 2015
- XXI. **Hemangioperistoma In the Abdominal Cavity Of a Dog**
KARAYİĞİT M. Ö., EROL H., ATALAN G., ÇAKIR BAYRAM L., YÖNEZ M. K., ONMAZ A. C., VAROL K.
13. International Symposium 3rd Millennium Agriculture, Cluj, Romania, 25 - 27 September 2014
- XXII. **Caseous Lenfadenitis And Sheep Pox Virus Lesions Were Seen Together In Akkaraman Breed Sheep**
YAMAN D., ULUSAN M., EKEBAŞ G., KARAYİĞİT M. Ö., ASLAN Ö., ATASEVER A.
VII. Ulusal Veteriner Patoloji Kongresi, Kars, Turkey, 8 - 10 September 2014
- XXIII. **Histopathological And İmmunohistochemical Evaluation Of Canine Aortic Body Tumour In A Dog**
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VII. Ulusal Veteriner Patoloji Kongresi, Kars, Turkey, 8 - 10 September 2014
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