

Prof. Mahmut Sözmen

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International Researcher IDs

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Publons / Web Of Science ResearcherID: JUU-6343-2023

ScopusID: 6701361197

Yoksis Researcher ID: 23543

Education Information

Doctorate, University of Bristol, Faculty of Veterinary Medicine, Department of Veterinary Pathology, England 1993 - 1998

Undergraduate, Selcuk University, Veteriner Fakültesi, Veteriner Pr., Turkey 1984 - 1989

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Aspects of Salivary Gland Disorders in Cats and Dogs, University of Bristol, Faculty of Veterinary Medicine, 1998

Research Areas

Health Sciences, Natural Sciences

Academic Titles / Tasks

Associate Professor, Kafkas University, Veteriner Fakültesi, Klinik Öncesi Bilimler Bölümü, 2010 - 2011

Assistant Professor, Kafkas University, Veteriner Fakültesi, Klinik Öncesi Bilimler Bölümü, 1999 - 2009

Research Assistant, Kafkas University, Veteriner Fakültesi, Klinik Öncesi Bilimler Bölümü, 1993 - 1999

Courses

ÖZEL PATOLOJİ, Undergraduate, 2015 - 2016, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2009 - 2010, 2008 - 2009, 2006 -

2007, 2004 - 2005, 2002 - 2003, 2001 - 2002, 2000 - 2001

GENEL PATOLOJİ, Undergraduate, 2015 - 2016, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002

Articles Published in Other Journals

- I. **Immunohistochemical Characterisation of BMP-2,- 4, -7, TGF- β 1 and Gremlin1 in Canine Osteosarcoma**
KABAK Y. B., İNAL S., Sozmen M., GÜLBAHAR M. Y.
Balıkesir Sağlık Bilimleri Dergisi (BSBD), vol.13, no.1, pp.75-82, 2024 (Peer-Reviewed Journal)
- II. **Evaluation of cat tumors in Samsun between 2004-2022**
Kaya M. T., GÜLBAHAR M. Y., YARIM M., SÖZMEN M., KABAK Y. B., KARACA E., İNAL S., KURUCA N., Akça F. B., GÜVENÇ T.
Mehmet Akif Ersoy Üniversitesi Veteriner Fakültesi Dergisi, vol.8, no.3, pp.190-199, 2023 (Peer-Reviewed Journal)
- III. **Samsun'da 2004-2019 Yılları Arasında İncelenen Köpek Meme Tümörleri**
KURUCA N., GÜLBAHAR M. Y., SÖZMEN M., YARIM M., KABAK Y. B., KARACA E., İNAL S., GÜVENÇ T.
Etlık Veteriner Mikrobiyoloji Dergisi, vol.30, no.2, pp.132-136, 2019 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Sekizinci Ulusal Veteriner Patoloji Kongresi Bildiri Özet Kitabı**
YARIM M., HAZIROĞLU R., GÜLBAHAR M. Y., GÜVENÇ T., SÖZMEN M., YARDIMCI B., KABAK Y. B.
Otak Matbaası, Samsun, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **Bir Koyunda pulmoner Adenomatozis, Paratuberkülozis ve Sistemik Parazitozis ile Birlikte Seyreden Frontal Osteom Olgusu**
kaya m. t., SÖZMEN M., KARACA E., İNAL S., kuruca n., öztürk m., KABAK Y. B., GÜLBAHAR M. Y.
10. Ulusal ve 1. Uluslararası Veteriner Patoloji Kongresi, 27 - 31 October 2020
- II. **long term effects of single dose 3-methylcholanthrene application on oxidative stress markers in kidney and liver tissues of mice**
DEVİRİM A. K., EKİCİ H., SÖZMEN M., ŞENOL A., DEVİRİM T.
2nd international conference on veterinary biochemistry and clinical biochemistry: advances and challenges in understanding the mechanism of diseases, 24 - 26 September 2019, pp.49
- III. **A CASE OF HEMANGIOPERICYTOMA IN A FEMALE DOG**
kuruca n., İNAL S., KARACA E., GÜVENÇ T., ÖNYAY T., GÜLBAHAR M. Y., SÖZMEN M.
9. Uluslararası Katılımlı Veteriner Patoloji Kongresi, Antalya, Turkey, 25 - 28 October 2018
- IV. **Nobiletinin otoimmün ensefalomyelitte omurilikteki IL-1 β , TNF- α , IL-10 ve TGF- β ekspresyonlarına etkisi**
YARIM M., YARIM G. F., SÖZMEN M., KABAK Y. B., KARACA E.
9. Uluslararası Katılımlı Veteriner Patoloji Kongresi, Antalya, Turkey, 25 - 28 October 2018
- V. **Immunohistochemical Detection of Gremlin, BMP-2, -7 and TGF-B1 in the Naturally Occurring Canine Osteosarcomas**
KABAK Y. B., SÖZMEN M., GÜLBAHAR M. Y.
5th International Vet-Istanbul Group Congress 8th International Scientific Meeting Days of Veterinary Medicine, Ohrid, Macedonia, 23 - 27 September 2018, pp.64
- VI. **PCR Array Based Investigation of Angiogenesis Related Genes in Diabetic Rat Wounds Treated with**

Nanoparticuler Tadalafile Ointment

DEVİRİM A. K., SÖZMEN M., SUDAĞIDAN M., DEĞİM Z.

International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), 26 - 27 April 2018, pp.385

- VII. **Generalize Demodikozisli Köpeklerde Tedavinin İnsülin Benzeri Büyüme Faktörü-1'in Serum Konsantrasyonuna ve Derideki Ekspresyonuna Etkisi**
YARIM G. F., YAĞCI B. B., SÖZMEN M., KARACA E., SALT A., YARIM M.
1st International Veterinary Biochemistry and Clinical Biochemistry Congress, 12 - 15 April 2018
- VIII. **The effect of treatment on serum concentration and skin expression of insulin-like growth factor-1 in dogs suffering from generalized demodicosis**
Yarım G. F., Yağcı B. B., Sözman M., Karaca E., Salt A., Yarım M.
1st International Veterinary Biochemistry and Clinical Biochemistry Congress, Hatay, Turkey, 12 - 15 April 2018, pp.106-107
- IX. **In Vitro/In Vivo Evaluation of Folate Receptor Targeted Liposomes and Nanocochleates Containing Imatinib-Dexketoprofen for the Treatment of Fibrosarcoma**
ÇOBAN Ö., DEĞİM Z., SÖZMEN M., ALTINTAŞ L., YILMAZ Ş., ARSOY T.
EUFEPS Annual Meeting 2018 Crossing Barriers for Future Medicines, Athena, Greece, 24 May - 26 January 2018
- X. **Normalizing Effects of Periostin on Cardiac and Metabolic Markers in Experimental Isoproterenol Cardiotoxicity in Rats**
DEVİRİM A. K., SÖZMEN M., SUDAĞIDAN M., ÇINAR M., DEVİRİM T., KABAK Y. B.
Russian National Congress of Cardiology, Saint-Petersburg, Russia, Saint Peter, Guernsey And Alderney, 24 - 27 November 2017, pp.151
- XI. **Investigation of the Effects of Apigenin on Neuroprotective, Antiinflammatory and Proinflammatory Cytokine Response in Brain Tissue in Mouse Model of Parkinson's**
YARIM G. F., YARIM M., SÖZMEN M., GENÇ B., ÇENESİZ S., ERTEKİN A.
Innovations and State of the Art in Dementia Research, Rome, Italy, Rome, Italy, 7 - 09 November 2017, pp.68
- XII. **Normalizing effects of periostin on cardiac and metabolic markers in experimental isoproterenol cardiotoxicity in rats.**
DEVİRİM A. K., SÖZMEN M., DEVİRİM T., Sudağıdan M., ÇINAR M., KABAK Y. B.
Russian National Congress (with international participation), Cardiology, Saint Peter, Guernsey And Alderney, 21 - 27 October 2017, pp.151
- XIII. **Prepartum Hepatic Lipidosis in Simantal Heifers: Two Cases**
GÜZEL M., TÛTÛNCÛ M., SÖZMEN M., ÖZCAN Ü.
I. Uluslararası Türkiye Veteriner İç Hastalıkları Kongresi, Antalya, Turkey, 10 - 12 October 2017
- XIV. **Phosphodiesterase-5 Inhibition with Nanoparticles Improve the Levels of Angiogenic Genes in A Rat Diabetic Wound Healing Model**
DEVİRİM A. K., SÖZMEN M., SUDAĞIDAN M., DEĞİM Z.
II International Congress on Advances In Veterinary Sciences Technics (ICAVST), Skopje, Macedonia, Skopje, Macedonia, 4 - 08 October 2017, pp.174
- XV. **Investigation of effects of the apigenin on neuroprotective, antiinflammatory and proinflammatory cytokine response in brain tissue in mouse model of parkinsons.**
YARIM G. F., YARIM M., SÖZMEN M., GENÇ B., ÇENESİZ M., ERTEKİN A.
Innovations and state of The art in dementia research, 7 - 09 September 2017
- XVI. **Prepubertal Treatment with Suprelorin Influenced Uterine Expression of GpPR54 but not of KP-10, Steroid Hormone Receptors and GnRH-R**
Schafersomi S., KAYA D., SÖZMEN M., KAYA S., ASLAN S.
XXth International Congress European Veterinary Society for Small Animal Reproduction (EVSSAR). Reproduction and Pediatrics in Dogs, Cats and Small Companion Animals, Vienna, Austria, Vienna, Austria, 29 June - 01 July 2017, pp.45
- XVII. **Treatment of Experimental Diaphyseal Femoral Fractures Using Retrograde Intramedullary Goose Radius in Rabbits**

- KILIÇ E., YAYLA S., AKSOY Ö., ÖZAYDIN İ., SÖZMEN M., ERMUTLU C. Ş., BARAN V.
IV. Veteriner Ortopedi ve Travmatoloji Derneği Kongresi, Ankara, Turkey, 25 - 26 May 2017, pp.88-89
- XVIII. **Fibroblast Growth Factor-2 and Vascular Endothelial Growth Factor Expression in the Ileocecal Region of Quail (*Coturnix coturnix japonica*)**
KOÇAK M., HAREM İ. Ş., SÖZMEN M., KARADAĞ SARI E.
International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOF), Kapadokya, Nevşehir, Turkey, 15 - 17 May 2017, pp.685
- XIX. **Effects of Hyaluronic Acid and Synovial Fluid on Prevention of Adhesion Formation After Tendon Repair: An In Vivo Study in Rabbit Achilles Tendon**
KURT B., ÖZAYDIN İ., SÖZMEN M., BİLGE N., CİHAN M., HAMAMCI E., AYDIN U.
Spring International Veterinary Congress, Kemer, Antalya, Turkey, ANTALYA, KEMER, Turkey, 27 - 30 March 2017, pp.304
- XX. **The effects of periostin in a rat model of isoproterenol- mediated cardiotoxicity.**
SÖZMEN M., DEVRİM A. K., KABAK Y. B., DEVRİM T.
WASET 19, Word Academy of science, engineering and technology conference proceedings, Rio de Janeiro, Brazil, 23 - 24 February 2017, pp.2463
- XXI. **The Effects of Periostin in A Rat Model of Isoprotrenol-Mediated Cardiotoxicity**
SÖZMEN M., DEVRİM A. K., KABAK Y. B., DEVRİM T.
18th World Academy of Science, Engineering and Technology Conference, Rio de Janeiro, Brazil, 23 - 24 February 2017, vol.19, pp.2463
- XXII. **Effects of Storage Duration and Temperature on the Values of Haematological Parameters in Bovine and Ovine Blood Samples**
KIRMIZIGÜL A. H., GÖKÇE E., SÖZMEN M.
Conference of the International Journal of Arts Sciences" (IJAS) International Conference for Physical, Life and Health Sciences, Praque, Czech Republic, 01 November 2017 - 04 January 2018, vol.10, pp.159-160
- XXIII. **Bir kedide periferel tip keratinize ameloblastom**
Ahmed I., KABAK Y. B., İNAL K. S., KARACA E., özbakır d., SÖZMEN M.
VIII. Ulusal Veteriner Patoloji Kongresi, Samsun, Turkey, 1 - 03 September 2016
- XXIV. **Kisspeptin and its receptor are expressed in canine trophoblast cells**
Ay S. S., Aslan S., Kaya D., Sözmen M., Beceriklisoy H. B., Ağaoğlu A. R., Fındık M., Schafer Somi S.
8th International Symposium on Canine and Feline Reproduction ISCFR, Paris, France, 22 - 25 June 2016, pp.36
- XXV. **Evaluation of plasma IGF 2 concentration and its expression in the uterus and ovary of the dogs with cystic endometrial hyperplasia pyometra complex**
Gültiken N., Yarım M., Yarım G. F., Sözmen M., Fındık M.
32th World Veterinary Congress, İstanbul, Turkey, 13 - 17 September 2015, pp.243
- XXVI. **Immunohistochemical detection of autophagy related microtubule associated protein 1 light chain 3 MAP1LC3 in the liver tissues of rats with experimental copper toxicosis**
KABAK Y. B., SÖZMEN M., GÜLBAHAR M. Y.
DIGEST, International VETistanbul Group Congress, St Petersburg, Russia, 7 - 09 September 2015
- XXVII. **Kızılıcık (*Cornus mas L.*) Meyvesinin Siplatinle İndüklenen Oksidatif Hasara Karşı Koruyucu Etkisinin in vitro İncelenmesi**
YARIM G. F., KAZAK F., SÖZMEN M., KOCA İ., ALBAYRAK H., YARIM M., ÇENESİZ S., ÖZAN E.
7. Ulusal Veteriner Biyokimya ve Klinik Biyokimya Kongresi, Samsun, Turkey, 28 - 30 May 2015, pp.63-64
- XXVIII. **Kızılıcık *Cornus mas L* meyvesinin sipiplatinle indüklenen oksidatif hasara karşı koruyucu etkisinin in vitro incelenmesi**
YARIM G. F., KAZAK F., SÖZMEN M., ilkey k., ALBAYRAK H., ozan e.
VII. Ulusal Veteriner Biyokimya ve Klinik Biyokimya Kongresi, Turkey, 28 - 30 May 2015
- XXIX. **Evaluation of plasma IGF 2 concentration and its expression in the uteraus and ovary of the dogs with cystic endometrial hyperplasia pyometra complex**
GÜLTİKEN N., YARIM M., YARIM G. F., SÖZMEN M., FİNDİK M.
32nd World Veterinary Congress, İstanbul, Turkey, 13 - 17 April 2015, pp.243

- XXX. **Serum concentration and skin tissue expression of insulin like growth factor 2 in canine generalized demodicosis**
YARIM G. F., YAĞCI B. B., YARIM M., SÖZMEN M., PEKMEZCİ D., ÇENESİZ S., PEKMEZCİ G. Z., KARACA E.
International VETistanbul Group Congress, Saint-Petersburg, 7 - 09 April 2015
- XXXI. **Immunohistochemical Detection of Autophagy Related Microtubule Associated Protein 1 Light Chain 3 MAP1LC3 in the Liver Tissues of Rats With Experimental Copper Toxicity**
KABAK Y. B., GÜLBAHAR M. Y., SÖZMEN M.
DIGEST International VETistanbul Group Congress, Saint-Petersburg, Russia, 7 April - 09 September 2015, pp.638
- XXXII. **Serum concentration and skin tissue expression of insulin like growth factor 2 in canine generalised demodicosis**
YARIM G. F., YAĞCI B. B., YARIM M., ÇENESİZ S., PEKMEZCİ D., SÖZMEN M., PEKMEZCİ G. Z., KARACA E.
International VETistanbul Group Congress, Russia, 7 - 09 April 2015, pp.792
- XXXIII. **Immunohistochemical detection of Autophagy related Microtubule Associated Protein 1 Light Chain 3 MAP1LC3 in the liver tissues of rats with experimental copper toxicity**
KABAK Y. B., GÜLBAHAR M. Y., SÖZMEN M.
Digest International VET İstanbul Group Congress 2015, 7 - 09 April 2015
- XXXIV. **SERUM CONCENTRATION and SKIN TISSUE EXPRESSION of INSULIN LIKE GROWTH FACTOR 2 in CANINE GENERALISED DEMODICOSIS**
YARIM G. F., YAĞCI B. B., YARIM M., PEKMEZCİ D., ÇENESİZ S., SÖZMEN M., PEKMEZCİ G. Z., KARACA E.
International VETistanbul Group Congress 2015, Saint Peter, Guernsey And Alderney, 7 - 09 April 2015
- XXXV. **Subcutaneous rhabdomyoma in a sheep**
KABAK Y. B., GACAR A., GÜLBAHAR M. Y., SÖZMEN M., YARIM M., GÜVENÇ T.
The 12th international symposium "Prospects for the 3rd millennium agriculture", 26 - 28 September 2013
- XXXVI. **Atypic listeriosis in cattle**
GACAR A., KABAK Y. B., GÜLBAHAR M. Y., SÖZMEN M., YARIM M., GÜVENÇ T.
The 12th international symposium "Prospects for the 3rd millennium agriculture", 26 - 28 September 2013

Supported Projects

Sözmen M., Project Supported by Higher Education Institutions, 29th Annual Congress of the European Society and College of Veterinary Dermatology (ESVD-ECVD), 2017 - 2023

Sözmen M., Project Supported by Higher Education Institutions, 19th. International Conference on Animal and Veterinary Sciences, 2016 - 2023

Sözmen M., Project Supported by Higher Education Institutions, Phosphodiesterase Type 5 Inhibition Attenuates Cyclosporine Induced Nephrotoxicity in Mice, 2016 - 2023

Sözmen M., Project Supported by Higher Education Institutions, Ratlarda Deneysel Olarak Oluşturulan İzoproterenol Kardiyotoksitesinde Periostin Uygulamasının Etkilerinin Araştırılması The Effects of Periostin in A Rat Model of Isoproterenol Mediated Cardiotoxicity, 2017 - 2018

Sözmen M., Project Supported by Higher Education Institutions, International Journal of Arts & Sciences (IJAS) International Conference for Physical, Life and Health Sciences, 2016 - 2016