

# **Prof. BERRİN SALMANOĞLU**

## **Personal Information**

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## **International Researcher IDs**

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Yoksis Researcher ID: 10912

## **Education Information**

Doctorate, Tieraerztliche Hochschule Hannover, Germany 1984 - 1988

Undergraduate, Ankara University, Ankara Veteriner Fakültesi, Ankara Veteriner Pr., Turkey 1977 - 1982

## **Foreign Languages**

German, C1 Advanced

## **Dissertations**

Doctorate, Pentanproduktion beim Broiler unter dem Einfluss von Futterfettqualität und vitamin E Versorgung,  
Tieraerztliche Hochschule Hannover, 1988

## **Research Areas**

Natural Sciences

## **Academic Titles / Tasks**

Professor, Ankara University, Veteriner Fakültesi, Veteriner Hekimliği Temel Bilimleri Bölümü, 2002 - Continues

Associate Professor, Ankara University, Veteriner Fakültesi, Veteriner Hekimliği Temel Bilimleri Bölümü, 1995 - 2002

Assistant Professor, Ankara University, Veteriner Fakültesi, Veteriner Hekimliği Temel Bilimleri Bölümü, 1995 - 1995

## **Courses**

KANATLI KLİNİK BİYOKİMYASI, Doctorate, 2013 - 2014, 2011 - 2012

İZOTOPLAR VE VETERİNER HEKİMLİKTE YARARLANMA, Postgraduate, 2013 - 2014

UZMANLIK ALAN DERSİ, Doctorate, 2013 - 2014, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

BİYOFİZİKSEL KİMYA VE MİNERALLER, Postgraduate, 2013 - 2014, 2011 - 2012, 2009 - 2010

KANDA MİNERAL MADDELERİN TAYİNİ, Doctorate, 2013 - 2014

VİTAMİNLER VE TAYİN PRENSİPLERİ, Doctorate, 2013 - 2014

KLİNİK BİYOKİMYADA KALİTE KONTROLÜ, Postgraduate, 2013 - 2014

BİYOLOJİK MEMBRANLAR VE TRANSPORT SİSTEMLERİ, Doctorate, 2013 - 2014  
VÜCUT SİVİLLERİ VE DOKULARI KİMYASI , Postgraduate, 2013 - 2014, 2011 - 2012  
KLİNİK BİYOKİMYADA TESTLERİN SEÇİMİ VE SONUÇLARIN DEĞERLENDİRİLMESİ, Doctorate, 2013 - 2014  
METABOLİK HASTALIKLAR VE BİYOKİMYASAL TESTLER, Postgraduate, 2013 - 2014, 2011 - 2012, 2010 - 2011, 2008 - 2009  
MİNERAL MADDE NOKSANLIK VE FAZLALIKLARI İLE İLGİLİ HASTALIKLAR, Postgraduate, 2013 - 2014, 2010 - 2011, 2009 - 2010  
HORMONLAR, Postgraduate, 2012 - 2013, 2008 - 2009  
NÜKLEİK ASİTLER, Doctorate, 2012 - 2013, 2010 - 2011  
NÜKLEİK ASİTLER, Postgraduate, 2012 - 2013, 2009 - 2010, 2008 - 2009  
HAYVAN REFAHI VE STRES BİYOKİMYASI , Postgraduate, 2012 - 2013, 2011 - 2012  
VİTAMİNLER, Postgraduate, 2012 - 2013, 2009 - 2010  
PROTEİN TAYİN YÖNTEMLERİ, Postgraduate, 2012 - 2013  
METABOLİK YOLLAR, Postgraduate, 2012 - 2013, 2010 - 2011  
İDRAR ANALİZLERİ , Doctorate, 2012 - 2013  
BİYOKİMYA LABORATUVARLARINDA KULLANILAN CİHAZLAR VE YÖNTEMLERİ, Doctorate, 2012 - 2013  
BİYOKATALİZÖRLER, Postgraduate, 2012 - 2013, 2009 - 2010, 2008 - 2009  
BİYOTEKNOLOJİK UYGULAMALAR VE PRENSİPLERİ, Postgraduate, 2012 - 2013  
STEROİD HORMONLARIN TAYİN YÖNTEMLERİ, Postgraduate, 2012 - 2013, 2010 - 2011  
İDRAR ANALİZLERİ, Postgraduate, 2012 - 2013  
VİTAMİNLER, Doctorate, 2011 - 2012  
PROTEİNLER VE AMİNOASİTLER , Postgraduate, 2011 - 2012  
METABOLİK HASTALIKLAR VE BİYOKİMYASAL TESTLER, Doctorate, 2011 - 2012  
KLİNİK BİYOKİMYADA RUTİN TESTLER, Postgraduate, 2011 - 2012  
KLİNİK BİYOKİMYASAL YÖNDEN DOKU VE ORGAN FONKSİYONLARI, Postgraduate, 2011 - 2012  
KEMİK METABOLİZMASI VE KEMİK HASTALIKLARINDA BİYOKİMYASAL BELİRTEÇLER, Postgraduate, 2011 - 2012  
HAYVAN REFAHI VE STRES BİYOKİMYASI , Doctorate, 2011 - 2012  
BESLENME BİYOKİMYASI, Postgraduate, 2010 - 2011  
KLİNİK BİYOKİMYADA TESTLERİN SEÇİMİ VE SONUÇLARIN DEĞERLENDİRİLMESİ, Postgraduate, 2010 - 2011  
KLİNİK BİYOKİMYASAL TEŞHİSTE ÖRNEK-METHOD SEÇİMİ VE LABORATUVAR UYARLANMASI, Postgraduate, 2010 - 2011  
KANATLI KLİNİK BİYOKİMYASI, Postgraduate, 2010 - 2011, 2008 - 2009  
VÜCUT SİVİLLERİ VE DOKULARI KİMYASI, Doctorate, 2009 - 2010  
BİYOKATALİZÖRLERİN TAYİNİ VE PRENSİPLERİ, Postgraduate, 2009 - 2010, 2008 - 2009  
BİYOKİMYA LABORATUVARLARINDA KULLANILAN CİHAZLAR VE YÖNTEMLERİ, Postgraduate, 2009 - 2010  
PROTEİNLER VE METABOLİZMASI, Postgraduate, 2009 - 2010  
KLİNİK ENZİMOLOJİ, Postgraduate, 2009 - 2010  
KEMİK METABOLİZMASI VE KEMİK HASTALIKLARINDA BİYOKİMYASAL BELİRTEÇLER, Doctorate, 2009 - 2010, 2007 - 2008  
ENZİMLER, KOENZİMLER VE TAYİN PRENSİPLERİ, Doctorate, 2009 - 2010  
ENZİMLER VE KOENZİMLER, Postgraduate, 2009 - 2010, 2008 - 2009  
STEROİD HORMONLAR, Postgraduate, 2008 - 2009  
ORGANLAR ARASI METABOLİK İLİŞKİLER , Postgraduate, 2008 - 2009  
ÇEŞİTLİ HASTALIKLarda SPESİFİK BİYOKİMYASAL TESTLER , Doctorate, 2007 - 2008  
KLİNİK ENZİMOLOJİ, Doctorate, 2007 - 2008  
ALAN UYGULAMASI, Doctorate, 2007 - 2008  
KARBONHİDRAT TAYİN YÖNTEMLERİ, Doctorate, 2007 - 2008  
KARBONHİDRAT TAYİN YÖNTEMLERİ, Postgraduate, 2007 - 2008  
AMİNO ASİT METABOLİZMASI, Doctorate, 2007 - 2008

## **Advising Theses**

SALMANOĞLU B., Radlarda sodyum florid ile oluşturulan toksikasyonda karvakrolün böbrekler üzerine etkisi, Doctorate, G.ARALAN(Student), 2019

SALMANOĞLU B., Metritisli süt ineklerinde vitamin A, beta karoten ve vitamin E düzeyleri, Postgraduate, D.ABDULLAH(Student), 2011

SALMANOĞLU B., Meme tümörlü diş köpeklerde tümör nekroz faktör- alfa (TNF- $\alpha$ ), vasküler endoteliyal büyümeye faktörü (VEGF) ve vitamin E düzeylerinin değerlendirilmesi, B.MERMERCİOĞLU(Student), 2008

SALMANOĞLU B., Meme tümörlü diş köpeklerde tümör nekroz faktör- alfa (Tnf-?), vasküler endoteliyal büyümeye faktörü (VEGF) ve vitamin E düzeylerinin değerlendirilmesi, Doctorate, B.MERMERCİOĞLU(Student), 2008

SALMANOĞLU B., Lenfoid löykozlu etçi anaç tavuklarda karaciğer enzim (Alanin Amino Transveraz, Aspartat Amino Transveraz, Alkali Fosfataz) düzeyleri, Postgraduate, G.SOYAK(Student), 2006

SALMANOĞLU B., Babesiosisli ve tedavi edilmiş sığırarda adenozin deaminaz (ADA) tümör nekroz faktör-alfa (TNF-alfa) ve nitrik oksit (NO) düzeylerinin incelenmesi, Doctorate, T.KONTAŞ(Student), 2003

SALMANOĞLU B., Subklinik mastitisli ineklerde meme içi levamizol uygulanmasında kan ve sütte süperoksit dismutaz, glutasyon peroksidaz, alkalen fosfataz ve immunoglobulin G düzeyleri, Doctorate, G.FATMA(Student), 2001

SALMANOĞLU B., Löykoz'lu etçi anaç tavuklarının serum vitamin A, kalsiyum, bakır ve çinko düzeyleri, Postgraduate, S.SÜZEN(Student), 2001

SALMANOĞLU B., Yumurta tavuklarının ovidukt tümörlerinde serum Ca 125, alfa fetoprotein, laktat dehidrojenaz ve alkalen fosfataz düzeyleri, Postgraduate, M.EROL(Student), 2000

SALMANOĞLU B., Doğum felçli ineklerde serum kalsiyum retinol ve Beta-karotin düzeyleri, Postgraduate, B.ÜNSAL(Student), 1998

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

- I. **EVALUATION OF SYSTEMIC INFLAMMATION PARAMETERS IN DOGS WITH PERIODONTITIS**  
Kurtdede E., Aralan G., Cengiz R. S., Kilinc A. A., Coskun C., Salmanoğlu B.  
ACTA VETERINARIA-BEOGRAD, vol.69, no.2, pp.218-228, 2019 (SCI-Expanded)
- II. **Oxidative status of colitis-associated cancer model induced by azoxymethane /dextran sulfate sodium and the effects of COX-2 inhibitor in mice**  
KISMALI G., ÜNER A. G., MERAL Ö., Alpay M., SALMANOĞLU B., ÜLKER ÇAKIR D., KOSOVA F., SEL T.  
ANKARA UNIVERSITESI VETERINER FAKULTESI DERGİSİ, vol.66, no.4, pp.351-356, 2019 (SCI-Expanded)
- III. **Evaluation of Some Systemic Inflammatory Parameters in Dogs with Gingivitis**  
Salmanoğlu B., Aralan G., Kurtdede E., Çiftci İ.  
KAFKAS UNIVERSITESI VETERINER FAKULTESİ DERGİSİ, vol.23, no.3, pp.391-394, 2017 (SCI-Expanded)
- IV. **The Effects of Vitamin E on Antioxidant Enzyme Activity in HepG2 Cells**  
BALKAN B. M., KISMALI G., Alpay M., Sayiner S., Turan D., Balkan A. B., SALMANOĞLU B., Karagul H., SEL T.  
KAFKAS UNIVERSITESI VETERINER FAKULTESİ DERGİSİ, vol.22, no.6, pp.865-869, 2016 (SCI-Expanded)
- V. **Relationship Between Activity of Gluthatione Peroxidase and Nitric Oxide in Synovial Fluid and the Progression of Temporomandibular Joint Internal Derangement**  
Guven O., Tozoglu S., TEKİN U., SALMANOĞLU B., Gunes O.  
JOURNAL OF CRANIOFACIAL SURGERY, vol.26, no.3, 2015 (SCI-Expanded)
- VI. **Tumor necrosis factor-alpha levels in the synovial fluid of patients with temporomandibular joint internal derangement**  
Guven O., TEKİN U., SALMANOĞLU B., Kaymak E.  
JOURNAL OF CRANIO-MAXILLOFACIAL SURGERY, vol.43, no.1, pp.102-105, 2015 (SCI-Expanded)
- VII. **Osteopontin Expression in Polarized MDCK Cells**  
Tascene N., Isguder Z., SALMANOĞLU B.  
KAFKAS UNIVERSITESI VETERINER FAKULTESİ DERGİSİ, vol.20, no.5, pp.671-674, 2014 (SCI-Expanded)
- VIII. **Leiomyomas of Oviduct and Its Ventral Ligament of Hens: Immunohistochemical Evaluation and the**

- Plasma Concentration Levels of 17 beta-Oestradiol and Progesterone**  
TUNCA R., Ozkul I. A., SALMANOĞLU B., Ozdur N. A., Aydin Y., ÖZYILDIZ Z.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGİSİ, vol.20, no.3, pp.429-434, 2014 (SCI-Expanded)
- IX. Serum Ceruloplasmin, Paraoxanase and Nitric Oxide Levels in Akkaraman Sheep with High Nitrate in Drinking Water**  
Nasiri F., Gunes V., MERAL Ö., PEKCAN M., KISMALI G., SALMANOĞLU B., SEL T.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGİSİ, vol.20, no.2, pp.239-242, 2014 (SCI-Expanded)
- X. Relative changes in serum lipid-lipoprotein and trace element levels in cattle babesiosis**  
Aşkar T. K., SALMANOĞLU B., ÇAKMAK A., Beşkaya A.  
Medycyna Weterynaryjna, vol.64, no.9, pp.1104-1106, 2008 (SCI-Expanded)
- XI. Tumour necrosis factor-alpha, adenosine deaminase and nitric oxide levels in cattle babesiosis before and after treatment**  
Kontas T., SALMANOĞLU B.  
BULLETIN OF THE VETERINARY INSTITUTE IN PULAWY, vol.50, no.4, pp.485-487, 2006 (SCI-Expanded)
- XII. Determination of the relationship between beta-carotene and vitamin A and functional structures on ovaries in bitches**  
Bastan A., Gungor O., Cetin Y., SALMANOĞLU B.  
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.27, no.4, pp.923-927, 2003 (SCI-Expanded)
- XIII. Effect of partial immobilisation on serum Ca, P, PTH, B-ALP 25-OH vitamin D in rats**  
SALMANOĞLU B.  
INDIAN VETERINARY JOURNAL, vol.79, no.10, pp.1028-1029, 2002 (SCI-Expanded)
- XIV. Effect of partial immobilisation on serum Ca, P, PTH, B-AIP 25-OH vitamin D in rats**  
SALMANOĞLU B.  
Indian Veterinary Journal, vol.79, no.10, pp.1028-1029, 2002 (SCI-Expanded)
- XV. The effect of aflatoxin B1 on the vitamin A storage in the livers of broiler chicks**  
SALMANOĞLU B.  
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.26, no.6, pp.1341-1344, 2002 (SCI-Expanded)
- XVI. Evaluation of oral delivery of salmon calcitonin using W/O/W multiple emulsion formulations**  
Dogru S., Calis S., Oner F., SALMANOĞLU B., Alpar R., Hincal A.  
JOURNAL OF CONTROLLED RELEASE, vol.72, no.1-3, pp.293-295, 2001 (SCI-Expanded)
- XVII. The effects of dried poultry excreta added to the rations on rumen content and blood parameters in Akkaraman lambs**  
Fidancı U., SALMANOĞLU B., YILDIZ G., Muglali H., Bayram I.  
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.24, no.4, pp.325-332, 2000 (SCI-Expanded)
- XVIII. The natural and industrial fluorosis in the middle anatolia and its effects on animal health**  
Fidancı U., SALMANOĞLU B., Marasli S., Marasli N.  
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.22, no.6, pp.537-544, 1998 (SCI-Expanded)
- XIX. ON THE REGISTRATION OF ENDOGENOUS LIPID-PEROXIDATION - INVIVO PENTANE PRODUCTION IN BROILER-CHICKENS**  
FUHRMANN H., SALLMANN H., SALMANOĞLU B., MOLNAR S.  
FETT WISSENSCHAFT TECHNOLOGIE-FAT SCIENCE TECHNOLOGY, vol.93, no.1, pp.33-35, 1991 (SCI-Expanded)

## Books & Book Chapters

- I. 6. Biyomoleküllerdeki fonksiyonel gruplar**  
SEL T., KISMALI G., FİDANCI U. R., UYSAL H., KARAGÜL Ş. H., ALTINTAŞ A., SALMANOĞLU B.  
in: Hücre Kimyası, Hilal Karagül, Editor, Anadolu üniversitesi, pp.128-144, 2013

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **COMPLETE BLOOD COUNT, BIOCHEMICAL AND ULTRASONOGRAPHIC FINDINGS IN A HIMALAYAN X PERSIAN CAT, COEXISTING WITH ALOPECIA, DERMATOLOGICAL DISORDERS AND HEPATIC LIPIDOSIS TOGETHER**  
BÖRKÜ M. K., KURTDEDE A., SEVİM K., SALMANOĞLU B., KURTDEDE E.  
1st International Veterinary Biochemistry and Clinical Biochemistry Congress, 12 - 15 April 2018
- II. **Complete Blood Count , Biochemical and Ultrasonografic Findings in a Himalayanx Persian cat, Coexisting wit Alopecia, Dermatological Disorders and Hepatic Lipidosis Together**  
BÖRKÜ M. K., KURTDEDE A., sevim k., SALMANOĞLU B., KURTDEDE E.  
1st International Veterinary Biochemistry and Clinical Biochemistery Congress, Hatay, Turkey, 12 - 15 April 2018, pp.240
- III. **Mirnas and Breast Cancer**  
SALMANOĞLU B., ARALAN G.  
ICAVST, 4 - 08 October 2017
- IV. **Relationship between activity of glutathion peroxidase and nitric oxide in synovial fluid and the progression of temporomandibular joint internal derangement**  
SALMANOĞLU B., GÜVEN O., TOZOĞLU S., TEKİN U., GÜNEŞ O.  
ICAVST, 4 - 08 October 2017
- V. **İçme Sularında Yüksek Nitrat Bulunan Akkaraman Koyunlarında Serum Seruloplazmin Paraoksanaz ve Nitrik Oksit Düzeyleri**  
NASIRI F., GÜNEŞ V., MERAL Ö., PEKCAN M., KISMALI G., SALMANOĞLU B., SEL T.  
VI. Ulusal Veteriner Biyokimya ve Klinik Biyokimya Kongresi, Turkey, 25 - 27 June 2013
- VI. **L Karmitin in Streptozotosin ile Diyabet Oluşturulmuş Farelerde Serum ve Karaciğer Lipid Düzeylerine Etkisi**  
PEKCAN M., KISMALI G., FİDANCI U. R., SALMANOĞLU B., UYSAL H., KARAGÜL Ş. H.  
VI. Ulusal Veteriner Biyokimya ve Klinik Biyokimya Kongresi, İstanbul, Turkey, 2 - 04 July 2009
- VII. **Ineklerde levamizolün subklinik mastitis üzerine etkilerinin araştırılması**  
BAYDAN E., SALMANOĞLU B., VURAL M. R., ÖGE H., ÇAKMAK N.  
Uluslararası Biyokimya Kongresi, Turkey, 12 - 14 March 1999
- VIII. **INTESTINAL PENTANE AS A FACTOR INTERFERING WITH THE MEASUREMENT OF ENDOGENOUS LIPID-PEROXIDATION**  
SALLMANN H., SALMANOĞLU B., FUHRMANN H.  
4TH CONGRESS OF THE INTERNATIONAL SOC FOR ANIMAL CLINICAL BIOCHEMISTRY, Davis, Antarctica, 18 - 21 July 1990, pp.31-37

## **Metrics**

Publication: 30

Citation (WoS): 63

Citation (Scopus): 67

H-Index (WoS): 3

H-Index (Scopus): 3