

# Prof. RECEP GÜMÜŞ

## Personal Information

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## International Researcher IDs

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Yoksis Researcher ID: 171701

## Education Information

Doctorate, Ataturk University, Sağlık Bilimleri Enstitüsü, Hayvan Besleme Ve Beslenme Hastalıkları (Dr) (Veteriner), Turkey 2008 - 2013

Undergraduate, Ataturk University, Veteriner Fakültesi, Turkey 2002 - 2007

## Dissertations

Doctorate, Kuzu rasyonlarına katılan saponinin (*Yucca schidigera*) besi performansı, bazı rumen ve kan parametreleri ile immun sistem ve karaciğer dokusundaki antioksidan metabolizma üzerine etkisi, Atatürk Üniversitesi, Sağlık Bilimleri Enstitüsü, Hayvan Besleme Ve Beslenme Hastalıkları (Dr) (Veteriner), 2013

## Research Areas

Ruminant, Single barrel

## Academic Titles / Tasks

Professor, Sivas Cumhuriyet University, Veteriner Fakültesi, Zootekni Ve Hayvan Besleme, 2024 - Continues

Associate Professor, Sivas Cumhuriyet University, Veteriner Fakültesi, Zootekni Ve Hayvan Besleme, 2018 - 2024

Assistant Professor, Sivas Cumhuriyet University, Veteriner Fakültesi, Zootekni Ve Hayvan Besleme, 2013 - 2018

Research Assistant, Ataturk University, Veteriner Fakültesi, Zootekni Ve Hayvan Besleme Bölümü, 2009 - 2013

## Academic and Administrative Experience

Sivas Cumhuriyet Üniversitesi, Veteriner Fakültesi, Zootekni Ve Hayvan Besleme Bölümü, 2013 - Continues

## Courses

Yem Hijyeni ve Teknolojisi, Undergraduate, 2017 - 2018

Hayvan Besleme ve Beslenme Hastalıkları, Undergraduate, 2017 - 2018

Hayvan Besleme ve Beslenme Hastalıkları, Undergraduate, 2016 - 2017

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

- I. **The effect of adding wheat and corn gluten to the diet of rats on the autoimmune and histopathological parameters in the intestine and liver El efecto de la adición de gluten de trigo y maíz a la dieta de ratas sobre los parámetros autoinmunes e histopatológicos en el intestino y el hígado**  
GÜMÜŞ R., TERİM KAPAKİN K. A., Kirman E. M., BOLAT İ., İmik A., ERCAN N.  
Revista Científica de la Facultad de Veterinaria, vol.34, 2024 (SCI-Expanded)
- II. **The effect of dietary supplementation with natural antioxidants on growth performance, antioxidant capacity and intestinal microbial counts of broiler**  
GÜMÜŞ R., ERCAN N., ÖZBİLGİN A., MOĞULKOÇ M. N., İMİK H.  
Journal of the Hellenic Veterinary Medical Society, vol.75, no.2, pp.7441-7450, 2024 (SCI-Expanded)
- III. **Effects of dietary thyme and rosemary essential oils on performance parameters with lipid oxidation, water activity, pH, colour and microbial quality of breast and drumstick meats in broiler chickens**  
GÜMÜŞ R., URÇAR GELEN S.  
Archives Animal Breeding, vol.66, no.1, pp.17-29, 2023 (SCI-Expanded)
- IV. **Effects of Dietary Resveratrol and Curcumin Supplements on Meat Quality and Storage Time in Broilers**  
Gumus R., Özbilgin A., Urcar G., Kara K.  
Revista Brasileira de Ciencia Avicola / Brazilian Journal of Poultry Science, vol.25, no.4, 2023 (SCI-Expanded)
- V. **The Effects of Dietary Wheat and Corn Glutens on the Histopathological and Immunohistochemical Structure of the Ovarian Tissue and Serum and Ovarian Tissue LH and FSH Levels and Lipid Profiles in Rats**  
İMİK H., TERİM KAPAKİN K. A., Karabulutlu Ö., GÜMÜŞ R., ÇOMAKLI S., ÖZKARACA M.  
Brazilian Archives of Biology and Technology, vol.66, 2022 (SCI-Expanded)
- VI. **Fatty acid compositions and quality of egg and performance in laying quails fed diet with hesperidin**  
Ozbilgin A., KARA K., Gumus R., Tekce E.  
TROPICAL ANIMAL HEALTH AND PRODUCTION, vol.53, no.6, 2021 (SCI-Expanded)
- VII. **Investigation of the Effects of Glutens on Serum Interleukin-1 Beta and Tumor Necrosis Factor-Alpha Levels and the Immunohistochemical Distribution of CD3 and CD8 Receptors in the Small Intestine in Male Rats**  
GÜMÜŞ R., Uslu S., AYDOĞDU U., Imik A., EKİCİ M.  
BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, vol.64, 2021 (SCI-Expanded)
- VIII. **The effects of different dietary protein sources on live weight, sperm quality and the histology of the testes and accessory glands in male rats**  
Gümüş R., Uslu S., Uslu B. A.  
ANDROLOGIA, vol.52, no.6, 2020 (SCI-Expanded)
- IX. **The Investigation of the Relationship Between HSP-27 Release and Oxidative DNA Damage in Broiler Chickens with Tibial Dyschondroplasia by Using Histopathological and Immunohistochemical Methods**  
Kapakin K. A. T., KAPAKİN S., İMİK H., GÜMÜŞ R., Eser G.  
BRAZILIAN JOURNAL OF POULTRY SCIENCE, vol.21, no.3, 2019 (SCI-Expanded)
- X. **The Effects of Fucoxanthin Dietary Inclusion on the Growth Performance, Antioxidant Metabolism and Meat Quality of Broilers**  
Gumus R., Gelen U. S., Koseoglu S., Ozkanlar S., Ceylan Z. G., Imik H.  
BRAZILIAN JOURNAL OF POULTRY SCIENCE, vol.20, no.3, pp.487-496, 2018 (SCI-Expanded)

- XI. **Determination of Ochratoxin A Levels in Mixed Feed and Feed Stuffs Used in Some Laying Hens and Ruminant Enterprises of Sivas City**  
Gumus R., Ercan N., Imik H.  
BRAZILIAN JOURNAL OF POULTRY SCIENCE, vol.20, no.1, pp.85-89, 2018 (SCI-Expanded)
- XII. **Effects of the supplementation of lamb rations with oregano essential oil on the antimicrobial and antioxidant metabolism in meat**  
İMİK H., URÇAR GELEN S., AYDEMİR ATASEVER M., GÜMÜŞ R., ÖZLÜ H.  
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.42, no.6, pp.581-589, 2018 (SCI-Expanded)
- XIII. **The Effects of the Supplementation of Lamb Rations with Oregano Essential Oil on the Performance, Some Blood Parameters and Antioxidant Metabolism in Meat and Liver Tissues**  
GÜMÜŞ R., Erol H. S., İMİK H., Halici M.  
KAFKAS UNIVERSITESI VETERİNER FAKULTESİ DERGİSİ, vol.23, no.3, pp.395-401, 2017 (SCI-Expanded)
- XIV. **The Effects of Different Amount of Protein and Vitamin E Supplementation in Rations on Lipid and Antioxidant Metabolism of Broilers Exposed to Heat Stress**  
Erol H. S., Imik H., Gumus R., Halici M.  
BRAZILIAN JOURNAL OF POULTRY SCIENCE, vol.19, no.2, pp.289-295, 2017 (SCI-Expanded)
- XV. **The Effect of Thyme Essential Oil (Thymus Vulgaris) Added to Quail Diets on Performance, Some Blood Parameters, and the Antioxidative Metabolism of the Serum and Liver Tissues**  
Gumus R., Ercan N., Imik H.  
BRAZILIAN JOURNAL OF POULTRY SCIENCE, vol.19, no.2, pp.297-304, 2017 (SCI-Expanded)
- XVI. **The effect of Yucca schidigera powder added to lamb feed on fattening performance, some blood parameters, the immune system, and the antioxidative metabolism of the hepatic tissue**  
GÜMÜŞ R., İMİK H.  
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.40, no.3, pp.263-270, 2016 (SCI-Expanded)
- XVII. **Effect of Vit E on Secretion of HSP-70 in Testes of Broilers Exposed to Heat Stress**  
TERİM KAPAKİN K. A., İMİK H., Gumus R., KAPAKİN S., SAĞLAM Y. S.  
KAFKAS UNIVERSITESI VETERİNER FAKULTESİ DERGİSİ, vol.19, no.2, pp.305-310, 2013 (SCI-Expanded)
- XVIII. **Effects of vitamin C and alpha-lipoic acid dietary supplementations on metabolic adaptation of broilers to heat stress**  
İMİK H., KAYNAR Ö., ÖZKANLAR S., Gumus R., POLAT H., Ozkanlar Y.  
REVUE DE MEDECINE VETERINAIRE, vol.164, no.2, pp.52-59, 2013 (SCI-Expanded)
- XIX. **Effects of ascorbic acid and -lipoic acid on performance and meat quality of broilers subjected to heat stress**  
İMİK H., ÖZLÜ H., Gumus R., ATASEVER M., Urcar S., ATASEVER M.  
BRITISH POULTRY SCIENCE, vol.53, no.6, pp.800-808, 2012 (SCI-Expanded)
- XX. **Effects of dietary various supplementations on the mucin- and serotonin- releasing cell numbers in small intestine of quails**  
ŞİMŞEK N., Can I., KARADENİZ A., KARA A., Gumus R.  
REVUE DE MEDECINE VETERINAIRE, vol.163, no.7, pp.328-334, 2012 (SCI-Expanded)
- XXI. **Effects of alpha-lipoic acid, vitamins E and C upon the heat stress in Japanese quails**  
HALICI M. B., İMİK H., Koc M., Gumus R.  
JOURNAL OF ANIMAL PHYSIOLOGY AND ANIMAL NUTRITION, vol.96, no.3, pp.408-415, 2012 (SCI-Expanded)
- XXII. **Meat quality of heat stress exposed broilers and effect of protein and vitamin E**  
İMİK H., ATASEVER M., Urcar S., ÖZLÜ H., Gumus R., ATASEVER M.  
BRITISH POULTRY SCIENCE, vol.53, no.5, pp.689-698, 2012 (SCI-Expanded)
- XXIII. **The effect of tibial dyschondroplasia on metabolic parameters in broiler chickens**  
İMİK H., TERİM KAPAKİN K. A., Gumus R., KAPAKİN S., Kurt A.  
ANKARA UNIVERSITESI VETERİNER FAKULTESİ DERGİSİ, vol.59, no.4, pp.271-277, 2012 (SCI-Expanded)
- XXIV. **Effects of ascorbic and alpha-lipoic acid on secretion of HSP-70 and apoptosis in liver and kidneys of broilers exposed to heat stress**  
TERİM KAPAKİN K. A., Gumus R., İMİK H., KAPAKİN S., SAĞLAM Y. S.

ANKARA UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.59, no.4, pp.279-287, 2012 (SCI-Expanded)

XXV. **Effects of Different Proportions of Sorghum (*Sorghum vulgare*) in the Rations on Serum Glucose, Lipids, Proteins Glutathione Peroxidase and Malondialdehyde Parameters in Laying Hens**  
İMİK H., YILDIRIM A. S., Polat H., Gumus R.

KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.15, no.3, pp.417-422, 2009 (SCI-Expanded)