

## Assoc. Prof. İLYAS ONBAŞILAR

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### International Researcher IDs

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Yoksis Researcher ID: 104972

### Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Turkey 1996 - 2001

### Foreign Languages

English, B1 Intermediate

### Dissertations

Doctorate, Büyüme dönemindeki tavşan rasyonlarında probiyotik ve robenidin kullanımı, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Hayvan Besleme Ve Beslenme Hastalıkları (Dr) (Veteriner), 2002

### Research Areas

Health Sciences, Nutrition and Dietetics, Veterinary Sciences, Zootechnical and Animal Feed, Animal Nutrition and Nutritional Diseases, Single barrel, Life Sciences, Molecular Biology and Genetics, Animal Molecular Genetics, Natural Sciences

### Academic Titles / Tasks

Associate Professor, Hacettepe University, Sağlık Bilimleri Enstitüsü, Tıp Tarihi ve Etik A.B.D., 2012 - Continues  
Expert, Hacettepe University, Tıp Fakültesi (Türkçe), Cerrahi Tıp Bilimleri Bölümü, 2000 - 2012

### Academic and Administrative Experience

Deputy Director of the Center, Hacettepe University, -----, 2014 - 2016

## Courses

Biyogüvenlik (BYM 610), Doctorate, 2016 - 2017

Laboratuvar Hayvanları ve Deneysel Araştırma İlkeleri (TFR790), Doctorate, 2016 - 2017

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

- I. **Role of Reduced Bdnf Expression in Novel Apc Mutant Allele-induced Intestinal and Colonic Tumorigenesis in Mice**  
Gok A., İşik A., Bakir S., Uzun S., GÜNER G., Ozcan O., Cerci B., ONBAŞILAR İ., AKYOL A.  
In Vivo, vol.37, no.4, pp.1562-1575, 2023 (SCI-Expanded)
- II. **Evaluation of modified dried vinasse as an alternative dietary protein source for broilers**  
ONBAŞILAR İ., YALÇIN S., GEBEŞ E. S., Yalçın S., Şahin A.  
Animal Science Journal, vol.94, no.1, 2023 (SCI-Expanded)
- III. **Coating beef tallow with calcium soap improves dietary pellet quality and promotes an effective diet-induced obese mouse model**  
ONBAŞILAR İ., YILMAZ E., ÖZOĞUL E.  
ANIMAL FEED SCIENCE AND TECHNOLOGY, vol.278, 2021 (SCI-Expanded)
- IV. **Effects of dried thyme (Thymus vulgaris L.) leaves on performance, some egg quality traits and immunity in laying hens**  
YALÇIN S., Eser H., ONBAŞILAR İ., YALÇIN S.  
ANKARA UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.67, no.3, pp.303-311, 2020 (SCI-Expanded)
- V. **Effects of Grit Supplementation to Diets Containing Maize and Barley as Cereal Grains on Performance and Slaughter Characteristics in Broilers**  
Eser H., YALÇIN S., ONBAŞILAR İ., Burcak E., YALÇIN S.  
KAFKAS UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.25, no.5, pp.683-688, 2019 (SCI-Expanded)
- VI. **Fetal Cell Microchimerism; Normal and Immunocompromised Gestations in Mice**  
BEKSAÇ M. S., FADİLOĞLU E., Cakar A. N., Gurbuz R. H., ATİLLA P., ONBAŞILAR İ., Beksac K., Katlan D. C., MÜMÜŞOĞLU S., Calis P., et al.  
FETAL AND PEDIATRIC PATHOLOGY, 2019 (SCI-Expanded)
- VII. **Improvement in Pellet Production Parameters and Pellet Quality Characteristics with Sepiolite Supplementation in Dairy Cattle Concentrate**  
YALÇIN S., Burcak E., ONBAŞILAR İ., Ramay M. S., GEBEŞ E. S., Pirpanahi M.  
KAFKAS UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.25, no.1, pp.119-123, 2019 (SCI-Expanded)
- VIII. **Maternal low-quality protein diet exerts sex-specific effects on plasma amino acid profile and alters hepatic expression of methyltransferases in adult rat offspring**  
AKYOL A., ÇETİN A., GÜLEÇ A., Daşgın H., AYAZ A., ONBAŞILAR İ.  
JOURNAL OF DEVELOPMENTAL ORIGINS OF HEALTH AND DISEASE, vol.9, no.4, pp.409-416, 2018 (SCI-Expanded)
- IX. **Effect of IGF-1 and HGF induced bone marrow mesenchymal stem cells on focal segmental glomerulosclerosis in Sprague-Dawley rats: a pilot study**  
ŞAHAN Ö., KORKMAZ E., ONBAŞILAR İ., Gucer S., KAYMAZ F. F., ÖZALTIN F., ÖZCAN A.  
FEBS OPEN BIO, vol.8, pp.152, 2018 (SCI-Expanded)
- X. **Tenotomy immobilization as a model to investigate skeletal muscle fibrosis (with emphasis on Secreted frizzled-related protein 2)**  
AKPULAT U., ONBAŞILAR İ., KOCAEFE Y. Ç.  
PHYSIOLOGICAL GENOMICS, vol.48, no.6, pp.397-408, 2016 (SCI-Expanded)
- XI. **Effects of dietary sepiolite on performance, egg quality and some blood parameters in laying hens**  
YALÇIN S., Eser H., ONBAŞILAR İ., YALÇIN S., KARAKAŞ OĞUZ F.  
ANKARA UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.63, no.1, pp.25-29, 2016 (SCI-Expanded)
- XII. **Maternal Low Quality Protein Diet Alters Plasma Amino Acid Concentrations of Weaning Rats**

CETIN A., Dasgin H., GÜLEÇ A., ONBAŞILAR İ., Akyol A.

NUTRIENTS, vol.7, no.12, pp.9847-9859, 2015 (SCI-Expanded)

- XIII. **AEBP1/ACLP is upregulated in differentiation, injury repair and fibrotic degeneration of skeletal muscle**  
Özdemir C., AKPULAT U., Akçay D., ONBAŞILAR İ., KOCAEFE Y. Ç.  
JOURNAL OF MUSCLE RESEARCH AND CELL MOTILITY, vol.36, no.6, pp.549-550, 2015 (SCI-Expanded)
- XIV. **Periostin is temporally expressed as an extracellular matrix component in skeletal muscle regeneration and differentiation**  
OZDEMIR C., Akpulat U., SHARAFI P., YILDIZ Y., ONBAŞILAR İ., Kocaefe C.  
GENE, vol.553, no.2, pp.130-139, 2014 (SCI-Expanded)
- XV. **Effects of dietary yeast cell wall on performance, egg quality and humoral immune response in laying hens**  
Yalcin S., Yalcin S., ONBAŞILAR İ., Eser H., SAHIN A.  
ANKARA UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.61, no.4, pp.289-294, 2014 (SCI-Expanded)
- XVI. **Effects of environmental enrichment and animal density on some welfare parameters in male Swiss albino mice**  
ONBAŞILAR İ., Onbasilar E. E.  
REVUE DE MEDECINE VETERINAIRE, vol.162, no.7, pp.341-345, 2011 (SCI-Expanded)
- XVII. **Effects of probiotic (Primalac 454) on nonalcoholic fatty liver disease in broilers**  
YALÇIN S. S., Gucer S., Yalcin S., ONBAŞILAR İ., Kale G., COŞKUN T.  
REVUE DE MEDECINE VETERINAIRE, vol.162, no.7, pp.371-376, 2011 (SCI-Expanded)
- XVIII. **In vitro growth stimulatory and in vivo wound healing studies on cycloartane-type saponins of Astragalus genus**  
Sevimli-Gur C., ONBAŞILAR İ., ATILLA P., Genc R., Cakar N., Deliloglu-Gurhan I., BEDİR E.  
JOURNAL OF ETHNOPHARMACOLOGY, vol.134, no.3, pp.844-850, 2011 (SCI-Expanded)
- XIX. **Effects of glycerol on performance, egg traits, some blood parameters and antibody production to SRBC of laying hens**  
YALÇIN S., EROL H., ÖZSOY B., ONBAŞILAR İ., YALÇIN S., Uner A.  
LIVESTOCK SCIENCE, vol.129, pp.129-134, 2010 (SCI-Expanded)
- XX. **Changes in serum leptin concentrations in rats according to malnutrition models and effects of carnitine supplementation on catch-up growth**  
ONBAŞILAR İ., YALÇIN Ş.  
REVUE DE MEDECINE VETERINAIRE, vol.160, no.7, pp.362-369, 2009 (SCI-Expanded)
- XXI. **Changes in serum leptin concentrations in rats according to malnutrition models and effects of carnitine supplementation on catchup growth**  
ONBAŞILAR İ., YALÇIN S. S.  
Revue de Medecine Veterinaire, vol.160, no.7, pp.362-369, 2009 (SCI-Expanded)
- XXII. **The effects of dietary supplementation of probiotic and anticoccidial additives on performance and blood parameters in growing rabbits**  
ONBAŞILAR İ., Yalcin S.  
REVUE DE MEDECINE VETERINAIRE, vol.159, no.11, pp.570-574, 2008 (SCI-Expanded)
- XXIII. **Synergistic action of and N-acetylcysteine sodium selenite in acetaminophen-induced liver damage**  
YALÇIN S. S., Bilgili A., ONBAŞILAR İ., ERASLAN G., Ozdemir M.  
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.27, no.5, pp.425-429, 2008 (SCI-Expanded)
- XXIV. **Protective role of vitamin E on the harmful effects of toluene on brain tissue**  
TUMER A. R., Atilla P., Onbasilar I., BIBEROGLU G., Muftuoglu S.  
NEUROSCIENCES, vol.12, no.3, pp.191-197, 2007 (SCI-Expanded)
- XXV. **Effect of cage density and sex on growth, food utilization and some stress parameters of young rabbits**  
ONBASILAR E. E., Onbasilar I.  
SCANDINAVIAN JOURNAL OF LABORATORY ANIMAL SCIENCE, vol.34, no.3, pp.189-195, 2007 (SCI-Expanded)

## Articles Published in Other Journals

### I. POST-MORTEM INTERVAL ESTIMATION BASED ON LIVER AND STRIATED MUSCLE COMPUTED TOMOGRAPHY ATTENUATIONS IN RATS

Yıldırım M. Ş., Tümer A. R., Akcan R., Omay B., Akata D., ONBASILAR İ.  
Afyon Kocatepe Üniversitesi Kocatepe Tıp Dergisi, vol.24, no.3, pp.327-333, 2023 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

### I. Effect of IGF-1 and HGF Induced Bone Marrow Mesenchymal Stem Cells on Focal Segmental Glomerulosclerosis in Sprague-Dawley Rats: A pilot study

Sahan Ö. B., Korkmaz E., Onbaşlar İ., Güçer K. Ş., Kaymaz F. F., Özalın F., Günel-Özcan A.  
43rd Febs Congress, Praha, Czech Republic, 7 - 12 July 2018

### II. Naif ve İndüklenmiş Mezenkimal Kök Hücrelerin Fokal Segmental Glomeruloskleroz Üzerine Etkisinin Sprague-Dawley Modelinde İncelenmesi

Sahan Ö. B., Korkmaz E., ONBAŞILAR İ., GÜÇER K. Ş., KAYMAZ F. F., ÖZALTIN F., ÖZCAN A.  
4. Klinik Immunoloji Kongresi, Antalya, Turkey, 11 - 14 April 2018

### III. Effect of maternal low quality protein diet on plasma biochemical parameters in adult male and female offspring

KABASAKAL A., GÜLEÇ A., ONBAŞILAR İ., AKYOL MUTLU A.  
10th World Congress 15-18 October 2017 Rotterdam, The Netherlands, 15 - 18 October 2017

### IV. Effect of maternal low quality protein diet on plasma biochemical parameters in adult male and female offspring

KABASAKAL A., GÜLEÇ A., ONBAŞILAR İ., AKYOL MUTLU A.  
10th World Congress, 15 - 18 October 2017

### V. Effect of maternal low quality protein diet on fetal growth and development

AKYOL MUTLU A., KABASAKAL A., DAŞGIN H., GÜLEÇ A., ONBAŞILAR İ.  
12th European Nutrition Conference Fens, Germany, 20 - 23 October 2015, vol.67, pp.280

### VI. Ratlarda maternal düşük kaliteli protein diyetinin fetal buyume ve gelisme uzerine etkisi

KABASAKAL A., DAŞGIN H., GÜLEÇ A., ONBAŞILAR İ., AKYOL MUTLU A.  
3. Fetal Hayattan Cocukluga ilk 1000 gun Gebe ve Cocuk Beslenmesi Kongresi, Ankara, Turkey, 13 - 14 March 2015

## Supported Projects

AKYOL A., ONBAŞILAR İ., İŞIK A., Gök A., Özcan Ö., Project Supported by Higher Education Institutions, Hacettepe Üniversitesi Preklinik Hastalık Modelleri Altyapısının Geliştirilmesi, 2021 - Continues

TÜMER A. R., GÜRLER M., ONBAŞILAR İ., İSAK A., AYDOĞAN H. C., YILDIRIM M. Ş., AKÇAN R., Project Supported by Higher Education Institutions, Siçanlarda postmortem kan ve doku örneklerinde etil klorid düzeylerinin araştırılması, 2019 - 2020

ONBAŞILAR İ., ÖZOĞUL E., YILMAZ E., Project Supported by Higher Education Institutions, Yüksek Enerjili Fare Diyetlerinde Yağ Kaynağı Olarak Kalsiyum ile Kaplanmış Hayvansal Yağ Kullanımı, 2017 - 2019

ÖZCAN A., GÜÇER K. Ş., ONBAŞILAR İ., ŞAHAN Ö. B., KORKMAZ E., Project Supported by Higher Education Institutions, Podosit Kimyasal Hasar Modeli Üzerine İndüklenmiş Mezenkimal Kök Hücrelerin Etkisi, 2016 - 2019

ÖZCAN A., ONBAŞILAR İ., AKYOL A., TUBITAK Project, CRISPR Cas9 Sistemi ile Farede İntestinal Polipozis Oluşturulması, 2016 - 2018

TÜMER A. R., ONBAŞILAR İ., YILDIRIM M. Ş., Omay B., Project Supported by Higher Education Institutions, Postmortem İnterval Sürecinde Karaciğer Atenuasyonundaki Değişikliğin Bilgisayarlı Tomografi ile Ratlarda Gösterilmesi, 2017 - 2017

ONBAŞILAR İ., Project Supported by Other Private Institutions, Broylar rasyonlarında fitobiyotik ve probiyotik kullanımı,

2015 - 2015

ONBAŞILAR İ., GÜLEÇ A., AKYOL MUTLU A., TUBITAK Project, Ratlarda Maternal Düşük Kaliteli Protein Diyetinin Fetal Gelişim ve Plazma Amino Asit Profili Üzerine Etkisi, 2014 - 2015

## **Metrics**

Publication: 35

Citation (WoS): 160

Citation (Scopus): 152

H-Index (WoS): 6

H-Index (Scopus): 5

## **Non Academic Experience**

Eczacıbaşı İlaç Paz. A.Ş.