

## Prof. MEHMET ULAŞ ÇINAR

### Personal Information

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### International Researcher IDs

ScholarID: nB3FkiAAAAJ

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ScopusID: 57193642818

Yoksis Researcher ID: 188702

### Education Information

Associate Degree, Anadolu University, Open Education Faculty, Laborant Ve Veteriner Sağlık, Turkey 2016 - Continues  
Post Doctorate, Washington State University, College Of Veterinary Medicine, Veterinary Microbiology And Pathology,  
United States Of America 2015 - 2016

Post Doctorate, Rheinische Friedrich-Wilhelms-Universitaet Bonn, Ziraat Fak., Hayvan Islahı Ve Yetiştirme, Germany  
2009 - 2013

Doctorate, Rheinische Friedrich-Wilhelms-Universitaet Bonn, Ziraat Fak., Hayvan Islahı Ve Yetiştirme, Germany 2007 -  
2010

Postgraduate, Ege University, Fen Bilimleri, Zootekni, Turkey 2002 - 2006

Undergraduate, Rheinische Friedrich-Wilhelms-Universitaet Bonn, Instituts Für Tierzucht Und Haustiergenetik, Stajyer,  
Germany 2002 - 2002

Undergraduate, Ege University, Faculty Of Agriculture, Zootekni, Turkey 1998 - 2002

Undergraduate, Justus-Liebig Universitaet Giessen, Instituts Für Tierzucht Und Haustiergenetik, Stajyer, Germany 2001 -  
2001

### Foreign Languages

English, B2 Upper Intermediate

German, B1 Intermediate

### Certificates, Courses and Trainings

Education Management and Planning, Holistic Expression Analyses – Application of Gene Expression Microarray, FBN  
Dummerstorf, 2008

IT, Molecular Animal Breeding, Bioinformatics, Humboldt University, 2008

Education Management and Planning, Kalite Dünyası: ISO 22000 Gıda güvenliği yönetim sistemleri, Ziraat Mühendisleri  
Odası İzmir Subesi, 2006

Education Management and Planning, 1. Genetik Sempozyumu, Ege Üniversitesi, Tıbbi Genetik ABD., 2005

Education Management and Planning, Tarimsal Biyoteknoloji Sempozyumu, Sabanci Üniversitesi, 2005

Education Management and Planning, AR-GE proje pazarı 2004, Ege Üniversitesi, Bilim ve Teknoloji Uyg. ve Ars. Mer, 2004

Education Management and Planning, The Workshop on the Conservation and Management of Animal Genetic Resources, Tekirdag Namik Kemal Üniversitesi, 2004

## **Dissertations**

Doctorate, Identification of expression quantitative trait loci (eQTL) and candidate genes associated with water holding capacity in porcine meat, Rheinische Friedrich-Wilhelms-Universität Bonn, Ziraat Fak., Hayvan Islahı Ve Yetiştirme, 2010

Postgraduate, Muğla Balarısı (*Apis mellifera* L.) Populasyonlarında Morfometrik Varyasyonunun Belirlenmesi, Ege Üniversitesi, Fen Bilimleri Enst., Zootekni, 2006

## **Research Areas**

Agricultural Sciences, Agriculture, Zootekni and Animal Nutrition, Animal Husbandry, Cattle, sheep, Genetic, Molecular Genetics

## **Academic Titles / Tasks**

Professor, Erciyes University, Ziraat Fakültesi, Zootekni, 2019 - Continues

Other, Washington State University, College Of Veterinary Medicine, Veterinary Microbiology And Pathology, 2017 - Continues

Associate Professor, Erciyes University, Ziraat Fakültesi, Zootekni, 2013 - 2019

Assistant Professor, Erciyes University, Ziraat Fakültesi, Zootekni, 2012 - 2013

Lecturer PhD, Rheinische Friedrich-Wilhelms-Universität Bonn, Ziraat Fak., Hayvan Islahı Ve Yetiştirme, 2010 - 2013

Research Assistant, Rheinische Friedrich-Wilhelms-Universität Bonn, Ziraat Fak., Hayvan Islahı Ve Yetiştirme, 2007 - 2010

Research Assistant, Ege University, Ziraat Fak., Zootekni, 2002 - 2006

Research Assistant, Middle East Technical University, Fen-Edebiyat Fak., Biyolojik Bilimler, 2003 - 2004

## **Academic and Administrative Experience**

Head of Department, Erciyes University, Ziraat Fakültesi, Zootekni, 2022 - Continues

Erciyes Üniversitesi, Ziraat Fakültesi, Zootekni Bölümü, 2014 - Continues

Erciyes University, 2013 - Continues

Vice Dean, Erciyes University, Ziraat Fakültesi, Zootekni, 2020 - 2023

Erasmus Program Institutional Coordinator, Erciyes University, Ziraat Fakültesi, Zootekni, 2019 - 2023

Rektörlüğe Bağlı Birim Başkanı, Erciyes University, Rektörlük, --, 2019 - 2023

Head of Department, Erciyes University, Fen Bilimleri Enstitüsü, 2014 - 2021

Deputy Director of the Center, Erciyes University, 2017 - 2020

Deputy Head of Department, Erciyes University, 2012 - 2020

Erciyes University, 2014 - 2015

## Courses

Biotechnology in Agriculture, Postgraduate, 2020 - 2021  
Karkas Değerlendirme ve Et Bilimi, Undergraduate, 2013 - 2014  
Üreme Fizyolojisi, Postgraduate, 2013 - 2014  
Veri Analizi, Undergraduate, 2013 - 2014  
Genetik, Undergraduate, 2012 - 2013  
Moleküler Genetik, Undergraduate, 2012 - 2013  
Küçükbaş Hayvan Yetiştirme, Undergraduate, 2012 - 2013  
Genetik ve Sitogenetik, Undergraduate, 2012 - 2013  
Arı ve İpek böceği Yetiştirme, Undergraduate, 2012 - 2013  
Mesleki Yabancı Dil, Undergraduate, 2012 - 2013  
Genetik, Undergraduate, 2012 - 2013

## Advising Theses

Çınar M. U., Genetic analysis of gastrointestinal parasite resistance and blood composition traits in akkaraman lambs, Doctorate, Y.ARZIK(Student), 2022  
Çınar M. U., Investigations on the genetics of growth and linear conformation traits in akkaraman sheep, Doctorate, M.KIZILASLAN(Student), 2022  
Çınar M. U., Effects of dietary oregano essential oil (OEO) and different forms of selenium (organic, inorganic & nano-se) on performance, meat quality and blood parameters of broilers, Doctorate, S.HAMMED(Student), 2019  
Çınar M. U., HIZLISOY H., In vitro antimicrobial effect of nisin, fluid whey and Nigella sativa essential oil on experimentally infected chicken meat with Campylobacter jejuni, Doctorate, F.RIYADH(Student), 2019  
Metin Kıyıcı J., Çınar M. U., NPR2-NATRIÜRETİK PEPTİT RESEPTÖR B/GUANİLAT SIKLAZ B GENİNİN ETÇİ SIĞIRLARDA BESİ PERFORMANSINA ETKİSİNİN ARAŞTIRILMASI, Postgraduate, Z.EMRE(Student), 2019  
Sohel M. M. H., Çınar M. U., Investigating the expression of immune genes in response to lipopolysaccharide (LPS) and lipoteichoic acid (LTA) stimulation in sheep lungs, Doctorate, A.QASIM(Student), 2019  
Çınar M. U., Kültür Irkı Et Sığırlarında Besi Performansı Üzerinde NCAPG- (Non-SMC condensin I complex, subunit G) ve LCORL - (Ligand dependent nuclear receptor corepressor-like) Genleri Etkisinin Araştırılması, Postgraduate, Ö.ATABAŞ(Student), 2019  
ÇINAR M. U., Association of ESR1, PLIN2, CYP21, FMO1, FMO5 genes with boar taint related traits, Postgraduate, O.Farooq(Student), 2012  
ÇINAR M. U., Analysis of gene expression related to meat pH and epistatic QTL genotypes in the Duroc x Pietrain population, Postgraduate, R.Setiawan(Student), 2011  
ÇINAR M. U., Expression profiling of Toll-like receptors 1-10 in porcine peripheral blood mononuclear celly (PBMC) in response to lipopolysaccharide, Postgraduate, P.Kwadwo(Student), 2011  
ÇINAR M. U., Mapping of quantitative trait loci for serum cholesterol LDL, HDL and triglyceride in a Duroc x Pietrain intercross F2 population. Master of Science, Postgraduate, D.Ngoc(Student), 2011

## Jury Memberships

Associate Professor Exam, Associate Professor Exam, Üniversitelerarası Kurul, August, 2020  
Associate Professor Exam, Associate Professor Exam, Erciyes University, March, 2020  
Doctorate, Doctorate, February, 2020

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

1. **MicroRNA expression profiling of ovine epithelial cells stimulated with the *Staphylococcus aureus* in vitro**

- Sajid G. A., Uddin M. J., Al-Janabi S. A. A., Ibrahim A. N., ÇINAR M. U.  
MAMMALIAN GENOME, vol.35, no.4, pp.673-682, 2024 (SCI-Expanded)
- II. **Comparative time series analysis of Anatolian Water buffalo stock in Türkiye**  
Özdemir M., Şahin O., Çınar M. U.  
BUFFALO BULLETIN, vol.43, no.3, pp.423-430, 2024 (SCI-Expanded)
- III. **Unravelling the Genetic Architecture of Serum Biochemical Indicators in Sheep**  
Kızılaslan M., Arzik Y., Behrem S., Yavuz E., White S. N., ÇINAR M. U.  
Genes, vol.15, no.8, 2024 (SCI-Expanded)
- IV. **Investigation of Expression Levels of Transcription Factor Genes in Native Sheep Breeds of Türkiye**  
Arslan K., Daldaban F., Bayram D., Sohel M. H., Akyuez B., Cinar M. U.  
RUSSIAN JOURNAL OF GENETICS, vol.60, no.7, pp.932-938, 2024 (SCI-Expanded)
- V. **Effects of Low and High Maternal Protein Intake on Fetal Skeletal Muscle miRNAome in Sheep**  
AKYÜZ B., Sohel M. M. H., KONCA Y., ARSLAN K., GÜRBULAK K., ABAY M., KALİBER M., White S. N., ÇINAR M. U.  
ANIMALS, vol.14, no.11, 2024 (SCI-Expanded)
- VI. **Genome-wide association with footrot in hair and wool sheep**  
Çınar M. U.  
FRONTIERS IN GENETICS, no.14, pp.1-10, 2024 (SCI-Expanded)
- VII. **Genome-wide association study of early liveweight traits in fat-tailed Akkaraman lambs**  
Çınar M. U., Arslan K., Sohel M. M. H., Bayram D., Piel L. M. W., White S. N., Daldaban F., Aksel E. G., Akyüz B.  
PLOS ONE, vol.18, no.11, pp.1-12, 2023 (SCI-Expanded)
- VIII. **Comparative genomic characterization of indigenous fat-tailed Akkaraman sheep with local and transboundary sheep breeds**  
Çınar M. U., Kızılaslan M., Arzik Y., Behrem S., White S. N.  
FOOD AND ENERGY SECURITY, pp.1-13, 2023 (SCI-Expanded)
- IX. **TLR4, MyD88, and TNF- $\alpha$  Expression in the Lungs of Akkaraman and Romanov Lambs in Response to LPS and LTA**  
Alan E., Daldaban F., Alan A., Aksel E. G., Orhan İ., Ulaş Çınar M. U., Akyüz B., Arslan K.  
MICROSCOPY AND MICROANALYSIS, vol.29, no.4, pp.1488-1502, 2023 (SCI-Expanded)
- X. **Genome-Wide Scan of Wool Production Traits in Akkaraman Sheep.**  
Arzik Y., Kızılaslan M., Behrem S., White S. N., Piel L. M. W., Cinar M. U.  
Genes, vol.14, no.3, 2023 (SCI-Expanded)
- XI. **LPS- and LTA-Induced Expression of TLR4, MyD88, and TNF-alpha in Lymph Nodes of the Akkaraman and Romanov Lambs**  
ALAN A., ALAN E., ARSLAN K., DALDABAN F., AKSEL E. G., ÇINAR M. U., AKYÜZ B.  
MICROSCOPY AND MICROANALYSIS, vol.28, no.6, pp.2078-2092, 2022 (SCI-Expanded)
- XII. **Estimates of genomic heritability and genome-wide association studies for blood parameters in Akkaraman sheep**  
Arzik Y., Kızılaslan M., White S. N., Piel L. M. W., ÇINAR M. U.  
SCIENTIFIC REPORTS, vol.12, no.1, 2022 (SCI-Expanded)
- XIII. **Genomic Analysis of Gastrointestinal Parasite Resistance in Akkaraman Sheep**  
Arzik Y., Kızılaslan M., White S. N., Piel L. M., Çınar M. U.  
GENES, vol.13, pp.1-12, 2022 (SCI-Expanded)
- XIV. **Genetic Parameters and Genomic Regions Underlying Growth and Linear Type Traits in Akkaraman Sheep**  
Kızılaslan M., Arzik Y., White S. N., Piel L. M. W., ÇINAR M. U.  
GENES, vol.13, no.8, 2022 (SCI-Expanded)
- XV. **Association ofGH, STAT5A, MYF5gene polymorphisms with milk somatic cell count, EC and pH levels of Holstein dairy cattle**  
Kiyici J. M., Akyüz B., Kaliber M., Arslan K., Aksel E. G., Çınar M. U.  
ANIMAL BIOTECHNOLOGY, vol.33, no.3, pp.401-407, 2022 (SCI-Expanded)
- XVI. **Sulforaphane Enhanced Proliferation of Porcine Satellite Cells via Epigenetic Augmentation of**

## SMAD7

Zhang R., Neuhoﬀ C., Yang Q., Cinar M. U., Uddin M. J., Tholen E., Schellander K., Tesfaye D.  
Animals, vol.12, no.11, 2022 (SCI-Expanded)

- XVII. **Genome-wise engineering of ruminant nutrition- nutrigenomics: applications, challenges, and future perspectives - a review**  
Kizilaslan M., Arzik Y., Çınar M. U., Konca Y.  
ANNALS OF ANIMAL SCIENCE, vol.22, no.2, pp.511-521, 2022 (SCI-Expanded)
- XVIII. **Association between Natriuretic peptide receptor 2 (NPR2) rs208158047 polymorphism and fattening performance of young bulls**  
Kıyıcı J., Şenöz Z. E., Çınar M. U.  
Annals of Animal Science, vol.22, no.1, pp.109-119, 2022 (SCI-Expanded)
- XIX. **Epigenetic Modulation of TLR4 Expression by Sulforaphane Increases Anti-Inflammatory Capacity in Porcine Monocyte-Derived Dendritic Cells**  
Qu X., Neuhoﬀ C., ÇINAR M. U., Proell M., Tholen E., Tesfaye D., Hoelker M., Schellander K., Uddin M. J.  
BIOLOGY-BASEL, vol.10, no.6, 2021 (SCI-Expanded)
- XX. **Association of *TMEM8B* and *SPAG8* with Mature Weight in Sheep.**  
Cinar M. U., Mousel M. R., Herndon M. K., Taylor J. B., White S. N.  
Animals : an open access journal from MDPI, vol.10, 2020 (SCI-Expanded)
- XXI. **Differential protein input in the maternal diet alters the skeletal muscle transcriptome in fetal sheep**  
SOHEL M. M. H., AKYÜZ B., KONCA Y., ARSLAN K., GÜRBULAK K., ABAY M., KALİBER M., ÇINAR M. U.  
MAMMALIAN GENOME, vol.31, pp.309-324, 2020 (SCI-Expanded)
- XXII. **Improvement of Disease Resistance in Livestock: Application of Immunogenomics and CRISPR/Cas9 Technology.**  
Islam M., Rony S., Rahman M., Cinar M. U., Villena J., Uddin M., Kitazawa H.  
Animals : an open access journal from MDPI, vol.10, 2020 (SCI-Expanded)
- XXIII. **LEP and SCD polymorphisms are associated with milk somatic cell count, electrical conductivity and pH values in Holstein cows**  
Kiyıcı J. M., Akyüz B., Kaliber M., Arslan K., Aksel E. G., Çınar M. U.  
ANIMAL BIOTECHNOLOGY, vol.31, no.6, pp.498-503, 2020 (SCI-Expanded)
- XXIV. **The EDN2 rs110287192 gene polymorphism is associated with paratuberculosis susceptibility in multibreed cattle population**  
ÇINAR M. U., AKYÜZ B., ARSLAN K., White S. N., Neibergs H. L., GÜMÜŞSOY K. S.  
PLOS ONE, vol.15, no.9, 2020 (SCI-Expanded)
- XXV. **Oxidative stress modulates the expression of apoptosis-associated microRNAs in bovine granulosa cells in vitro**  
Sohel M. M. H., Akyüz B., Konca Y., Arslan K., Sarıözkan S., Çınar M. U.  
CELL AND TISSUE RESEARCH, vol.376, pp.295-308, 2019 (SCI-Expanded)
- XXVI. **Effects of vitamin and mineral premix withdrawal from diets on carcass and meat quality of feedlot steers**  
BÜYÜKKILIÇ BEYZİ S., KONCA Y., KÖKNUR Ö., KÖKNUR S., YALÇIN H., Uddin M. J., ÇINAR M. U.  
TROPICAL ANIMAL HEALTH AND PRODUCTION, vol.51, no.262, pp.1-7, 2019 (SCI-Expanded)
- XXVII. **Relationships between polymorphisms of growth hormone, leptin and myogenic factor 5 genes with some milk yield traits in Holstein dairy cows**  
Metin Kıyıcı J., Arslan K., Akyüz B., Kaliber M., Aksel E. G., Çınar M. U.  
INTERNATIONAL JOURNAL OF DAIRY TECHNOLOGY, vol.72, pp.1-7, 2019 (SCI-Expanded)
- XXVIII. **DGAT1, CAST and IGF-I Gene Polymorphisms in Akkaraman Lambs and Their Effects on Live Weights up to Weaning Age**  
BAYRAM D., AKYÜZ B., ARSLAN K., Ozdemir F., AKSEL E. G., ÇINAR M. U.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.25, no.1, pp.9-15, 2019 (SCI-Expanded)
- XXIX. **MILK AND FATTY ACID COMPOSITION OF ANATOLIAN WATER BUFFALO (BUBALUS BUBALIS) FROM DIFFERENT PROVINCES**

- ÇINAR M. U., ÖZSOY T., Beyzi S., KALİBER M., KONCA Y.  
BUFFALO BULLETIN, vol.38, no.1, pp.107-118, 2019 (SCI-Expanded)
- XXX. **Polymorphisms in toll-like receptor (TLR) 1, 4, 9 and SLC11A1 genes and their association with paratuberculosis susceptibility in Holstein and indigenous crossbred cattle in Turkey**  
ÇINAR M. U., HIZLISOY H., AKYÜZ B., ARSLAN K., AKSEL E. G., GÜMÜŞSOY K. S., GÜMÜŞSOY K. S.  
JOURNAL OF GENETICS, vol.97, no.5, pp.1147-1154, 2018 (SCI-Expanded)
- XXXI. **Effects of GH-AluI and MYF5-TaqI Polymorphisms on Weaning Weight and Body Measurements in Holstein Young Bulls**  
Çınar M. U., Akyüz B., Metin Kıyıcı J., Arslan K., Kaliber M., Aksel E. G.  
KAFKAS UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.24, no.6, pp.873-880, 2018 (SCI-Expanded)
- XXXII. **Goats singly heterozygous for PRNP S146 or K222 orally inoculated with classical scrapie at birth show no disease at ages well beyond 6 years**  
ÇINAR M. U., Schneider D. A., Waldron D. F., O'Rourke K. I., White S. N.  
VETERINARY JOURNAL, vol.233, pp.19-24, 2018 (SCI-Expanded)
- XXXIII. **Polymorphisms of TLR1, TLR4 and SLC11A1 genes in some cattle breeds reared in Turkey**  
Arslan K., Akyüz B., Aksel E. G., Özdemir F., Çınar M. U.  
Tarım Bilimleri Dergisi, vol.24, no.4, pp.547-553, 2018 (SCI-Expanded)
- XXXIV. **Relationships between Polymorphisms of Growth Hormone, Leptin and Myogenic Factor 5 Genes with Some Milk Yield Traits in Holstein Dairy Cows**  
METİN KIYICI J., ARSLAN K., AKYÜZ B., KALİBER M., AKSEL E. G., ÇINAR M. U.  
INTERNATIONAL JOURNAL OF DAIRY TECHNOLOGY, vol.1, pp.1, 2018 (SCI-Expanded)
- XXXV. **Concentration dependent antioxidative and apoptotic effects of sulforaphane on bovine granulosa cells in vitro.**  
Sohel M. M. H., Konca Y., Akyuz B., Arslan K., Sariozkan S., Cinar M. U.  
Theriogenology, vol.97, pp.17-26, 2017 (SCI-Expanded)
- XXXVI. **Association of polymorphisms in luteinizing hormone receptor and follicle-stimulating hormone receptor genes with number of insemination to pregnancy in Holstein dairy cows**  
ARSLAN K., AKYÜZ B., AKÇAY A., AKSEL E. G., MACUN H. C., ÇINAR M. U.  
SLOVENIAN VETERINARY RESEARCH, vol.1, pp.1, 2017 (SCI-Expanded)
- XXXVII. **ASSOCIATION OF NUMBER OF ARTIFICIAL INSEMINATIONS PER PREGNANCY IN HOLSTEIN DAIRY COWS WITH POLYMORPHISM IN LUTEINIZING HORMONE RECEPTOR AND FOLLICLE STIMULATING HORMONE RECEPTOR GENES**  
Arslan K., AKYÜZ B., AKÇAY A., Ilgar E. G., Macun H. C., ÇINAR M. U.  
SLOVENIAN VETERINARY RESEARCH, vol.54, no.2, pp.91-98, 2017 (SCI-Expanded)
- XXXVIII. **Ovar-DRB1 haplotypes\*2001 and\*0301 are associated with sheep growth and ewe lifetime prolificacy**  
Cinar M. U., Mousel M. R., Herrmann-Hoesing L. M., Taylor J. B., White S. N.  
GENE, vol.595, no.2, pp.187-192, 2016 (SCI-Expanded)
- XXXIX. **LPS-induced expression of CD14 in the TRIF pathway is epigenetically regulated by sulforaphane in porcine pulmonary alveolar macrophages**  
Yang Q., Proell M. J., Salilew-Wondim D., Zhang R., Tesfaye D., Fan H., ÇINAR M. U., Grosse-Brinkhaus C., Tholen E., Islam M. A., et al.  
INNATE IMMUNITY, vol.22, no.8, pp.682-695, 2016 (SCI-Expanded)
- XL. **Ovine MYADM-like repeat gene association with lifetime cumulative ewe production and wool traits.**  
Cinar M. U., MOUSEL M. R., Gonzales M. V., REYNOLDS J. O., Taylor J. B., KNOWLES D. P., White S. N.  
JOURNAL OF ANIMAL SCIENCE, vol.94, pp.144, 2016 (SCI-Expanded)
- XLI. **Integrative Analysis of Metabolomic, Proteomic and Genomic Data to Reveal Functional Pathways and Candidate Genes for Drip Loss in Pigs**  
Welzenbach J., Neuhoﬀ C., Heidt H., ÇINAR M. U., Looft C., Schellander K., Tholen E., Grosse-Brinkhaus C.  
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.1, pp.1, 2016 (SCI-Expanded)
- XLII. **Appropriate concentration of Hydrogen Peroxide and Sulforaphane for granulosa cells to study**

**oxidative stress in vitro**

Sohel M. M. H., Çınar M. U., Kaliber M., Arslan K., Sariözkan S., Akyüz B., Konca Y.

Journal Of Biotechnology, vol.231, no.1, pp.524, 2016 (SCI-Expanded)

- XLIII. **Genotyping of the kappa- casein and beta-lactoglobulin genes in Anatolian water buffalo by PCR-RFLP**  
ÇINAR M. U., AKYÜZ B., ARSLAN K., İlgar E. G.  
INTERNATIONAL JOURNAL OF DAIRY TECHNOLOGY, vol.69, no.2, pp.308-311, 2016 (SCI-Expanded)
- XLIV. **Fat harvesting site is an important determinant of proliferation and pluripotency of adipose-derived stem cells**  
Ardehshirilajimi A., Rafeie F., Zandi-Karimi A., Jaffarabadi G. A., Mohammadi-Sangcheshmeh A., Samiei R., Toghdory A., Seyedjafari E., Hashemi S. M., ÇINAR M. U., et al.  
BIOLOGICALS, vol.44, no.1, pp.12-18, 2016 (SCI-Expanded)
- XLV. **Preliminary study of FM01, FM05, CYP21, ESR1, PLIN2 and SULT2A1 as candidate gene for compounds related to boar taint**  
Neuhoff C., Gunawan A., Farooq M. O., Cinar M. U., Grosse-Brinkhaus C., Sahadevan S., Frieden L., Tesfaye D., Tholen E., Looft C., et al.  
MEAT SCIENCE, vol.108, pp.67-73, 2015 (SCI-Expanded)
- XLVI. **Effect of Linolenic acid during in vitro maturation of ovine oocytes: embryonic developmental potential and mRNA abundances of genes involved in apoptosis**  
Veshkini A., ASADI H., Khadem A. A., Mohammadi-Sangcheshmeh A., KHAZABI S., Aminafshar M., Deldar H., Soleimani M., ÇINAR M. U.  
JOURNAL OF ASSISTED REPRODUCTION AND GENETICS, vol.32, no.4, pp.653-659, 2015 (SCI-Expanded)
- XLVII. **Comparison of the innate immune responses of porcine monocyte-derived dendritic cells and splenic dendritic cells stimulated with LPS**  
Qu X., Cinar M. U., Fan H., Proell M., Tesfaye D., Tholen E., Looft C., Hoelker M., Schellander K., Uddin M. J.  
INNATE IMMUNITY, vol.21, no.3, pp.242-254, 2015 (SCI-Expanded)
- XLVIII. **Sulforaphane Epigenetically Regulates Innate Immune Responses of Porcine Monocyte-Derived Dendritic Cells Induced with Lipopolysaccharide**  
Qu X., Proell M., Neuhoff C., Zhang R., Cinar M. U., Hossain M. M., Tesfaye D., Grosse-Brinkhaus C., Salilew-Wondim D., Tholen E., et al.  
PLOS ONE, vol.10, no.3, 2015 (SCI-Expanded)
- XLIX. **Determining Gene Expression Profile of GPX 1 in the Liver of Diabetic Rats Treated with Capsaicin by Real-Time PCR**  
Kurum A., Kocamis H., Deprem T., ÇINAR M. U.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.21, no.2, pp.259-263, 2015 (SCI-Expanded)
- L. **Identification of gene co-expression clusters in liver tissues from multiple porcine populations with high and low backfat androstenone phenotype**  
Sahadevan S., Tholen E., Grosse-Brinkhaus C., Schellander K., Tesfaye D., Hofmann-Apitius M., ÇINAR M. U., Gunawan A., Hoelker M., Neuhoff C.  
BMC GENETICS, vol.16, 2015 (SCI-Expanded)
- LI. **Evaluation of the sustainability of contrasted pig farming systems: the procedure, the evaluated systems and the evaluation tools**  
Bonneau M., de Greef K., Brinkman D., Cinar M. U., Dourmad J. Y., Edge H. L., Fabrega E., Gonzalez J., Houwers H. W. J., Hviid M., et al.  
ANIMAL, vol.8, no.12, pp.2011-2015, 2014 (SCI-Expanded)
- LII. **Evaluation of the sustainability of contrasted pig farming systems: integrated evaluation**  
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- XCI. **A genome-wide association study for drip loss in a Duroc x Pietrain resource population**  
ÇINAR M. U.  
4th International Symposium on Animal Functional Genomics, Ireland, 1 - 04 October 2011, pp.2
- XCII. **Transcriptome profile of early mammalian embryos in response to culture environment**  
ÇINAR M. U.  
3rd Embryo Genomics Meeting, Germany, 1 - 04 September 2011, pp.9-10
- XCIII. **Molecular mechanisms and pathways involved in bovine embryonic genome activation and influenced by alternative culture conditions**  
ÇINAR M. U.  
3rd Embryo Genomics Meeting, Germany, 1 - 04 September 2011, pp.56-57
- XCIV. **Gene expression of Toll-like receptors and associated molecules in LPS-induced swine alveolar macrophage**  
ÇINAR M. U.  
Vortragstagung der Deutschen Gesellschaft für Züchtungskunde e.V. (DGfZ) und der Gesellschaft für Tierzuchtwissenschaften e.V. (GfT), Germany, 1 - 04 September 2011
- XCV. **Association of gene expression profile of bovine 2-cell stage blastomeres with further developmental competence**  
ÇINAR M. U.  
3rd Embryo Genomics Meeting, Germany, 1 - 04 September 2011, pp.33-34
- XCVI. **Genetic analysis of fertility and growth traits in a Duroc x Pietrain Ressource population**  
ÇINAR M. U.  
62nd Annual Meeting of European Federation of Animal Science, Norway, 1 - 04 September 2011, pp.17
- XCVII. **Alternative culture of bovine embryos (in vivo or in vitro) during embryonic genome activation and subsequent influence on transcriptome profile of blastocysts**  
ÇINAR M. U.  
Vortragstagung der Deutschen Gesellschaft für Züchtungskunde e.V. (DGfZ) und der Gesellschaft für Tierzuchtwissenschaften e.V. (GfT), Germany, 1 - 04 September 2011

- XCVIII. Text mining in animal sciences: An overview on SCAIView Animal**  
 ÇINAR M. U.  
 Vortragstagung der Deutschen Gesellschaft für Züchtungskunde e.V. (DGfZ) und der Gesellschaft für Tierzuchtwissenschaften e.V. (GfT), Germany, 1 - 04 September 2011
- XCIX. Detection of QTL affecting serum cholesterol, LDL, HDL, and triglyceride in pigs**  
 ÇINAR M. U.  
 62nd Annual Meeting of European Federation of Animal Science, Norway, 1 - 04 September 2011, pp.33
- C. Endometrial and embryo gene expression patterns as molecular cues to predict successful pregnancy**  
 ÇINAR M. U.  
 3rd Embryo Genomics Meeting, Germany, 1 - 04 September 2011, pp.12
- CI. Expression analysis of porcine aromatase (CYP19) as a specific target gene in testis**  
 ÇINAR M. U.  
 7th International Conference on Boar Semen Preservation, Germany, 1 - 04 August 2011, pp.10
- CII. Expression study of TLR1-10 genes in selected tissues of newborn, young and adult pigs by GeXP**  
 ÇINAR M. U.  
 8th Innate Immunity Conference, Greece, 1 - 04 June 2011, pp.99
- CIII. Genomweite Assoziationsstudie (60K-SNP Chip) für das Merkmal Tropfsaftverlust in der Bonner Duroc x Pietrain Ressourcenpopulation unter Berücksichtigung der Familienstruktur**  
 ÇINAR M. U.  
 Vortragstagung der Deutschen Gesellschaft für Züchtungskunde e.V. (DGfZ) und der Gesellschaft für Tierzuchtwissenschaften e.V. (GfT), Germany, 1 - 04 September 2010
- CIV. Erstellung von Expressionsprofilen 5 funktioneller Kandidatengene (CCL28, STAT5A, STAT5B, LIPE und EGF) des Erbfehlers Stülpzitze beim Schwein**  
 ÇINAR M. U.  
 Vortragstagung der Deutschen Gesellschaft für Züchtungskunde e.V. (DGfZ) und der Gesellschaft für Tierzuchtwissenschaften e.V. (GfT), Germany, 1 - 04 September 2010
- CV. Transcriptome profile of in vitro matured and fertilized embryos cultured until blastocyst stage in bovine oviduct before and after major embryonic genome activation**  
 ÇINAR M. U.  
 Vortragstagung der Deutschen Gesellschaft für Züchtungskunde e.V. (DGfZ) und der Gesellschaft für Tierzuchtwissenschaften e.V. (GfT), Germany, 1 - 04 September 2010
- CVI. Global transcriptome analysis of elongated embryos produced by somatic cell nuclear transfer and in vitro fertilization**  
 ÇINAR M. U.  
 Vortragstagung der Deutschen Gesellschaft für Züchtungskunde e.V. (DGfZ) und der Gesellschaft für Tierzuchtwissenschaften e.V. (GfT), Germany, 1 - 04 September 2010
- CVII. Identifizierung von relevanten Genen des Metabolismus von Androstenon und Skatol in der Leber von Jungebern mit Hilfe von Transkriptionsanalysen**  
 ÇINAR M. U.  
 Vortragstagung der Deutschen Gesellschaft für Züchtungskunde e.V. (DGfZ) und der Gesellschaft für Tierzuchtwissenschaften e.V. (GfT), Germany, 1 - 04 September 2010
- CVIII. Effect of interferon alpha-inducible protein 6 (IFI6) gene on drip loss in pig**  
 ÇINAR M. U.  
 Vortragstagung der Deutschen Gesellschaft für Züchtungskunde e.V. (DGfZ) und der Gesellschaft für Tierzuchtwissenschaften e.V. (GfT), Germany, 1 - 04 September 2010
- CIX. Massive deregulation of miRNAs from nuclear reprogramming errors affecting redifferentiation for placentogenesis in bovine SCNT pregnancy.**  
 ÇINAR M. U.  
 26th Scientific Meeting of the European Embryo Transfer Association (AETE), Finland, 1 - 04 September 2010, pp.1

- CX. Massive deregulation of miRNAs in day-50 bovine placenta derived from SCNT pregnancy**  
 ÇINAR M. U.  
 Vortragstagung der Deutschen Gesellschaft für Züchtungskunde e.V. (DGfZ) und der Gesellschaft für Tierzuchtwissenschaften e.V. (GfT), Germany, 1 - 04 September 2010
- CXI. Expressionsanalyse von miRNA-Prozessgenen in Rinderplazenten am Tag 50 der Trächtigkeit aus klonierten, künstlich besamten und in vitro erzeugten Embryonen**  
 ÇINAR M. U.  
 Vortragstagung der Deutschen Gesellschaft für Züchtungskunde e.V. (DGfZ) und der Gesellschaft für Tierzuchtwissenschaften e.V. (GfT), Germany, 1 - 04 September 2010
- CXII. Selective transcriptional profiling considering epistatic QTL genotyp pairs in pig**  
 ÇINAR M. U.  
 9th World Congress on Genetics Applied to Livestock Production, Germany, 1 - 04 August 2010, pp.293
- CXIII. QTL mapping for leg weakness related traits in a Duroc x Pietrain F2 resource population**  
 ÇINAR M. U.  
 9th World Congress on Genetics Applied to Livestock Production, Germany, 1 - 04 August 2010, pp.86
- CXIV. Mapping QTL for innate immune response in a Duroc x Pietrain resource population**  
 ÇINAR M. U.  
 21st International Pig Veterinary Society Congress, Canada, 1 - 04 July 2010, pp.1
- CXV. Influence of reproductive tract environment in unstimulated vs. superovulated heifers on development and global transcriptome profile of bovine blastocysts**  
 ÇINAR M. U.  
 37. Jahrestagung der Arbeitsgemeinschaft Embryotransfer deutschsprachiger Länder, Germany, 1 - 04 July 2010, pp.8-9
- CXVI. Detection of uterine miRNA and related molecular networks and pathways underlying bovine subclinical endometritis**  
 ÇINAR M. U.  
 Vortragstagung der Deutschen Gesellschaft für Züchtungskunde e.V. (DGfZ) und der Gesellschaft für Tierzuchtwissenschaften e.V. (GfT), Germany, 1 - 04 July 2010
- CXVII. Epistatic genetic interaction of QTL pairs related to growth traits in a porcine Duroc x Pietrain population**  
 ÇINAR M. U.  
 32nd Conference of the International Society for Animal Genetics (ISAG), United Kingdom, 1 - 04 July 2010, pp.3045
- CXVIII. QTL mapping for innate immune traits in a Duroc x Pietrain resource population**  
 ÇINAR M. U.  
 International Symposium on Animal Genomics for Animal Health (AGAH), France, 1 - 04 June 2010, pp.39
- CXIX. Molecular analysis of matrix GLA protein (MGP) as a candidate for osteochondrosis in pigs**  
 ÇINAR M. U.  
 International Symposium on Animal Genomics for Animal Health (AGAH), France, 1 - 04 June 2010, pp.70
- CXX. Quantitative analysis of gene expression in porcine articular cartilage from healthy and osteochondrosis joints**  
 ÇINAR M. U.  
 4th ESF Conference on Functional Genomics & Disease, Germany, 1 - 04 April 2010, pp.48
- CXXI. Association of gene expression profiles with growth and carcass traits in Duroc-Pietrain F2 population**  
 ÇINAR M. U.  
 International Dummerstorf Workshop "Prenatal and early postnatal effects on muscle properties and growth, Germany, 1 - 04 September 2009, pp.1
- CXXII. Association of porcine CAPNS1 and AMBP genes polymorphisms with growth and carcass traits**  
 ÇINAR M. U.  
 International Dummerstorf Workshop "Prenatal and early postnatal effects on muscle properties and growth,

Germany, 1 - 04 September 2009, pp.1

**CXXIII. Detection of expression quantitative trait loci (eQTL) for ANGPTL4, APOC3, CAPNS1 and PPARGC1 in porcine skeletal muscle**

ÇINAR M. U.

Vortragstagung der Deutschen Gesellschaft für Züchtungskunde e.V. (DGfZ) und der Gesellschaft für Tierzuchtwissenschaften e.V. (GfT), Germany, 1 - 04 September 2009, pp.200-201

**CXXIV. Mapping expression QTL (eQTL) for porcine skeletal muscle**

ÇINAR M. U.

Vortragstagung der Deutschen Gesellschaft für Züchtungskunde e.V. (DGfZ) und der Gesellschaft für Tierzuchtwissenschaften e.V. (GfT), Germany, 1 - 04 September 2008

**CXXV. AMBP and TNC genes expression analysis and their quantitative trait loci (eQTL) related to water holding capacity traits in porcine meat**

ÇINAR M. U.

Third International Symposium on Animal Functional Genomics (ISAFG), United Kingdom, 1 - 04 April 2008, pp.59

**CXXVI. Preliminary expression QTL (eQTL) results for meat quality related genes in porcine muscle**

ÇINAR M. U.

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**CXXVII. Kanatlı Genetik Kaynakları**

ÇINAR M. U.

1. Tarımsal Moleküler Genetik Çalıştayı, Samsun, Turkey, 1 - 04 June 2005, pp.1

**CXXVIII. Morphometric characterization of Muğla honey bees (*Apis mellifera* L.)**

ÇINAR M. U.

First European Conference of Apidology, Italy, 1 - 04 September 2004, pp.1

**CXXIX. Heritability Estimates of Meat Quality Characteristics in Japanese Quail (*Coturnix c. japonica*)**

ÇINAR M. U.

22. World's Poultry Congress, Turkey, 1 - 04 June 2004, pp.1

**CXXX. Muğla Balarılarında (*Apis mellifera* L.) Morfometrik Varyasyonun Çok Değişkenli İstatistik Yöntemlerle Analizi**

ÇINAR M. U.

17. Ulusal Biyoloji Kongresi, Adana, Turkey, 1 - 04 June 2004, pp.1

## Supported Projects

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METİN KIYICI J., ÖZDEMİR M., GÜNEŞ V., ONMAZ A. C., ÇINAR M. U., KIZILASLAN M., ARZIK Y., Project Supported by Higher Education Institutions, Yeni Doğan Holstein Irkı Buzağlarda Maternal Pasif Bağışıklıkta Rol Oynayan Genetik Faktörlerin GWAS-QTL Yöntemi ile Araştırılması, 2024 - Continues

ÇINAR M. U., ÖZDEMİR M., Project Supported by Higher Education Institutions, Kuluçka Sırasında Yeşil Işık Kullanmanın Kuluçkalık Yumurtalarda Embriyo Gelişimi Kuluçka Performansı Melatonin Seviyesi ve Global DNA Metilasyon Deseni Üzerine Etkisinin Araştırılması, 2024 - Continues

METİN KIYICI J., ÇINAR M. U., SEVİŞOĞLU B., Project Supported by Higher Education Institutions, ACTN3 (ALFA-ACTİNİN-3) GENİNİN KÜLTÜR İRKİ ET SİĞİRLARINDA BESİ PERFORMANSINA ETKİSİNİN ARAŞTIRILMASI, 2023 - Continues  
BÜYÜKKILIÇ BEYZİ S., ATEŞ S., ARZIK Y., ÖZDEMİR M., YALÇIN Z. S., KIZILASLAN M., ÇINAR M. U., Project Supported by Higher Education Institutions, Kuluçka Öncesi Dezenfeksiyon Amacıyla Formaldehit Kullanımının Tavuk Embriyo Karaciğerinde Tüm Genom mRNA ve miRNA Ekspresyon Profiline Etkisinin Araştırılması, 2023 - Continues

ÇINAR M. U., ARZIK Y., KIZILASLAN M., BEHREM S., Project Supported by Higher Education Institutions, Orta Anadolu Merinosu Koyunlarda Büyüme Parazit Direnci ve Kan Parametrelerinin Genetiğinin Çeşitli Biyoinformatik ve Makine Öğrenmesi Tekniklerle Araştırılması, 2023 - Continues

AKYÜZ B., ÇINAR M. U., ARSLAN K., DALDABAN F., ŞİRİN E., Project Supported by Higher Education Institutions, Türkiye Yerli Koyun Irklarında rs427117280 rs408576931 ve rs428277620 Kodlu SNPlar ile Sütten Kesime Kadarki Kuzu Canlı Ağırlık Artışı Arasındaki İlişkinin Araştırılması, 2022 - Continues

ÇINAR M. U., SAJID G. A., Project Supported by Higher Education Institutions, MicroRNA Expression Profiling of Ovine Mammary Epithelial Cells using RNASeq technology with Staphylococcus aureus induced mastitis, 2021 - Continues

ÇINAR M. U., AL-JANABI S. A. A., Project Supported by Higher Education Institutions, Transcriptome Analysis of Ovine Mammary Epithelial Cells Investigating Immunomodulatory Target Genes for Ovine Mastitis in vitro, 2021 - Continues

AKYÜZ B., Atik A., BAYRAM D., ŞİRİN E., DALDABAN F., Karakuş F., ARSLAN K., ÇINAR M. U., Yağcı S., TUBITAK Project, Türkiye De Yetiştirilen Bazı Yerli Koyun Irklarında Rs427117280 Kodlu Snp İle Kuzu Canlı Ağırlık Artışı Arasındaki İlişkinin Araştırılması, 2023 - 2025

ÇINAR M. U., ABDIAZIZ NUR İBRAHİM A. N. I., Project Supported by Higher Education Institutions, Expression of selected miRNAs microRNAs in ovine mammary epithelial cells, 2023 - 2024

ÇINAR M. U., ZEB S., Project Supported by Higher Education Institutions, mRNA expression of mastitis immune related genes in ovine mammary epithelial cells after stimulation with Staphylococcus aureus in vitro, 2023 - 2024

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METİN KIYICI J., TUFAN A., ÇINAR M. U., ZENGİN K., ARZIK Y., KIZILASLAN M., ARSLAN K., AKYÜZ B., KALİBER M., Project Supported by Higher Education Institutions, Holstein Irkı Süt Sığırlarında Süt İle İlişkili Özelliklerin Genom Boyu İlişkilendirme Çalışması (GWAS) ile Araştırılması, 2022 - 2024

KARAMAN K., SÖNMEZ O., ÇINAR M. U., GÖNÜLTAŞ M., METİN KIYICI J., Project Supported by Higher Education Institutions, Farklı tür çiftlik hayvanı sütlerinin karışımı ile üretilen çeşitli süt ürünlerinin fizikokimyasal duyuşsal ve mikrobiyolojik karakterizasyonu ve yanıt yüzey yöntemi ile optimizasyonu, 2021 - 2024

ÇINAR M. U., KIZILASLAN M., Project Supported by Higher Education Institutions, Akkaraman Koyunlarında Büyüme ve Lineer Konformasyon Özelliklerinin Genetiği Üzerine Araştırmalar, 2021 - 2023

ÇINAR M. U., ARZIK Y., Project Supported by Higher Education Institutions, Akkaraman Koyununda Mide-Bağırsak Nematodlarına Karşı Direncin Genetiği Üzerine Araştırma, 2020 - 2023

ALAN A., ALAN E., ÇINAR M. U., ORHAN İ., DALDABAN F., AKSEL E. G., Project Supported by Higher Education Institutions, Akkaraman ve Romanov ırkı kuzuların Akcigerlerinde Lipopolisakkarit ve lipoteikoik asit indüklenmesi ile oluşan mikroanatomik ve histolojik değişimlerin üzerine etkili immun moleküllerin incelenmesi, 2020 - 2023

ÜLGER İ., KONCA Y., ÇINAR M. U., BÜYÜKKILIÇ BEYZİ S., KALİBER M., Project Supported by Higher Education Institutions, Yemlerde ve Hayvansal Ürünlerde Ham Besin Madde ve Metabolik Enerji İçeriklerinin Araştırılması, 2019 - 2022

Alan A., Alan E., Akyüz B., Arslan K., Çınar M. U., Aksel E. G., Daldaban F., TUBITAK Project, Lipopolisakkarit ve Lipoteikoik Asit ile İndüklenmiş Akkaraman ve Romanov Irkı Kuzuların Lenf Dğümlerinin Mikroanatomik Karşılaştırılması ve Bu İndüklenme Sonucunda Etkili İmmun Moleküllerin İncelenmesi, 2019 - 2021

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ARSLAN K., AKYÜZ B., SOHEL M. M. H., BAYRAM D., ÇINAR M. U., Project Supported by Higher Education Institutions, Türkiye Yerli Koyun Irklarında Transkripsiyon Faktör (TF) Genlerinin Ekspresyon Düzeylerinin Araştırılması, 2015 - 2021

ÇINAR M. U., GÜMÜŞSOY K. S., ARSLAN K., AKYÜZ B., TUBITAK Project, Endothelin 2 Geninin Sığır Paratüberkülozü İle İlişkinin Araştırılması, 2019 - 2020

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SARIÖZKAN S., KONCA Y., ÇINAR M. U., PINAR H., Project Supported by Higher Education Institutions, Süt sığırcılığı ve tavukçulukta yeni tekniklerin uygulanması, 2018 - 2020

ÇINAR M. U., KONCA Y., AKYÜZ B., ARSLAN K., KALİBER M., SOHEL M. M. H., GÜRBULAK K., ABAY M., Project Supported by Higher Education Institutions, Koyunlarda gebelik döneminde farklı düzeyde protein içeren rasyonlarla beslemenin fütüste ve 2 aylık kuzularda iskelet kası transkriptomuna miRNA ekspresyonuna ve metilasyonuna etkisi üzerine bir araştırma, 2015 - 2020



ÇINAR M. U., KONCA Y., BÜYÜKKILIÇ BEYZİ S., Project Supported by Higher Education Institutions, İç Anadolu Bölgesinde Yetiştirilen Mandalardan Elde Edilen Sütlerde Yağ Asitleri Kompozisyonu ve Kolesterol Miktarlarının Araştırılması, 2018 - 2019

ÇINAR M. U., HIZLISOY H., JAMEEL F. R., Project Supported by Higher Education Institutions, IN VITRO ANTIMICROBIAL EFFECT OF NISIN, FLUID WHEY AND NIGELLA SATIVA ESSENTIAL OIL ON EXPERIMENTALLY INFECTED CHICKEN MEAT WITH CAMPYLOBACTER JEJUNI, 2018 - 2019

ÇINAR M. U., FARHAN S. H., ÇETİN E., Project Supported by Higher Education Institutions, Effects Of Dietary Oregano Essential Oil (OEO) and Selenium (Organic Se & Nano Se) on Performance Meat Quality Immuno-Competence and Blood Parameters Of Broilers, 2018 - 2019

ÇINAR M. U., SOHEL M. M. H., NAJI A. Q., Project Supported by Higher Education Institutions, Investigating the Expression of Immune Genes in Response to LPS and LTA Stimulation in Sheep Lungs, 2017 - 2019

METİN KIYICI J., ÇINAR M. U., ŞENÖZ Z. E., Project Supported by Higher Education Institutions, NPR2-Natriüretik Peptit Reseptör B/Guanilat Siklaz B Geninin Etçi Sığırlarda Besi Performansına Etkisinin Araştırılması, 2017 - 2019

KONCA Y., BAYLAN M., SARIÖZKAN S., YENİLMEZ F., ÇINAR M. U., BÜYÜKKILIÇ BEYZİ S., KALİBER M., Project Supported by Higher Education Institutions, Yerli ve Yabancı Beyaz Yumurtacı Hibritlerin Verim Performanslarının ArGe Kümes Şartlarında Karşılaştırılması, 2016 - 2018

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ÇINAR M. U., ARSLAN K., ŞENER E. F., TUBITAK Project, Epigenetik Mekanizmaların Süt Kardeşlik Fenomenindeki Rolünün Değerlendirilmesi, 2015 - 2018

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SOHEL M. M. H., KONCA Y., ÇINAR M. U., SARIÖZKAN S., AKYÜZ B., ARSLAN K., Project Supported by Higher Education Institutions, Altered miRNA and gene expression is associated with the survival of ruminant granulosa cells under oxidative stress, 2015 - 2017

METİN KIYICI J., ARSLAN K., ÇINAR M. U., AKYÜZ B., İLGAR E. G., KALİBER M., Project Supported by Higher Education Institutions, Holstein Irkı Sığırlarda Bazı Genetik Belirteçlerin Süt Verimi ve Büyüme Performansı Üzerine Etkilerinin Araştırılması, 2013 - 2017

Konca Y., Baylan M., Sarıözkan S., Çınar M. U., Kaliber M., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Yerli ve Yabancı Beyaz Yumurtacı Hibritlerin Verim Performanslarının Ar-Ge Kümes Şartlarında Karşılaştırılması, 2014 - 2016

ÇINAR M. U., BÜYÜKKILIÇ BEYZİ S., KALİBER M., Project Supported by Higher Education Institutions, Yemlerde Organik Asit ve Gaz Üretimi ve Hayvansal Ürünlerde Yağ Asitleri Düzeylerinin Araştırılması, 2014 - 2015

ÇINAR M. U., BÜYÜKKILIÇ BEYZİ S., KALİBER M., METİN KIYICI J., YILMAZ ADKINSON A., Project Supported by Higher Education Institutions, Uluslararası Katılımlı Süt Sığırcılığı Sempozyumu, 2014 - 2014

ÇINAR M. U., Other International Funding Programs, Genetically functional basis of the water-binding capacity in the pig meat (DRIP), 2009 - 2013

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ÇINAR M. U., Project Supported by Other Official Institutions, Genetic causes of a pre-disposition for diseases of the feet and leg system in cattle, swine, horse and sheep, 2008 - 2011

ÇINAR M. U., EU Framework Program Project, Quality Pork Chains, 2007 - 2011

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## Patent

Akyüz B., Çınar M. U., Bayram D., Arslan K., Daldaban F., Aksel E. G., Akkaraman ırkı koyunlarda/kuzularda süttten kesim ağırlığı ve kuzuların süttten kesildiği 90. güne kadar canlı ağırlık artışı ile ilişkili Nucleolin genindeki rs427117280 mutasyonu ve belirlenmesi yöntemi ile ilgilidir, Patent, CHAPTER A Human Needs, The Invention Registration Number:

## Activities in Scientific Journals

Frontiers in Genetics , Special Issue Editor, 2020 - Continues  
Hayvan Bilimi ve Ürünleri Dergisi, Committee Member, 2019 - Continues  
TURKISH JOURNAL OF VETERINARY AND ANIMAL SCIENCES, Committee Member, 2015 - Continues  
Frontiers in Veterinary Science, Editor, 2014 - Continues  
TÜRK VETERİNERLİK VE HAYVANCILIK DERGİSİ, Editor, 2014 - Continues  
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## Memberships / Tasks in Scientific Organizations

The International Society for Animal Genetics (ISAG), Member, 2015 - Continues  
Türk Alman Tarım ve Tabii Bilim Araştırmacıları Derneği, Member, 2011 - Continues  
The German Society for Animal Production e.V. (DGfZ), Member, 2008 - Continues  
TMMOB Ziraat Mühendisleri Odası, Member, 2006 - Continues  
European Association for Bee Research (EurBee), Member, 2004 - Continues  
DAAD'liler Derneği, Member, 2002 - Continues  
World's Poultry Science Association, Member, 2002 - Continues  
EGE ZOOTEKNİ DERNEĞİ (EGEZODER), Member, 2000 - Continues  
EGE ZOOTEKNİ DERNEĞİ (EGEZODER), Board Member, 2005 - 2006

## Scientific Refereeing

BMC GENOMICS, SCI Journal, December 2015  
Journal of Agricultural and Food Chemistry, SCI Journal, December 2015  
ZYGOTE, SCI Journal, May 2015  
BRITISH JOURNAL OF NUTRITION, SCI Journal, November 2014  
LIVESTOCK SCIENCE, SCI Journal, October 2014  
ANIMAL REPRODUCTION SCIENCE, National Scientific Refreed Journal, September 2014  
GENE, SCI Journal, July 2014  
THE VETERINARY JOURNAL, SCI Journal, May 2014  
INNATE IMMUNITY, SCI Journal, May 2014  
REPRODUCTION IN DOMESTIC ANIMALS, SCI Journal, April 2014  
LIVESTOCK SCIENCE, SCI Journal, March 2014  
PLOS ONE, SCI Journal, January 2014  
TURKISH JOURNAL OF BIOLOGY, SCI Journal, December 2013  
Veterinary Immunology and Immunopathology, SCI Journal, October 2013  
Plos ONE, SCI Journal, October 2013  
Reproduction in Domestic Animals, SCI Journal, October 2013  
Recent Patents on Endocrine, Metabolic & Immune Drug Discovery, Other Indexed Journal, July 2013  
Animal Genetics, SCI Journal, June 2013  
Innate Immunity, SCI Journal, June 2013  
Innate Immunity, SCI Journal, April 2013

African Journal of Biotechnology, SCI Journal, January 2013  
Iranian Journal of Applied Animal Science (IJAS), Other Indexed Journal, December 2012  
BMC Research Notes, Other Indexed Journal, November 2012  
Innate Immunity, SCI Journal, November 2012  
Iranian Journal of Applied Animal Science (IJAS), Other Indexed Journal, November 2012  
Genetics Selection Evolution, SCI Journal, October 2012  
Innate Immunity, SCI Journal, September 2012  
African Journal of Biotechnology, Other Indexed Journal, August 2012

## **Mobility Activity**

Erasmus Programme, Lecturing, Debrecen Üniversitesi, Hungary, 2018 - 2018  
Post Doc, Post Doc, Washington State University, United States Of America, 2015 - 2016

## **Metrics**

Publication: 250  
Citation (WoS): 1160  
Citation (Scopus): 1391  
H-Index (WoS): 20  
H-Index (Scopus): 22

## **Congress and Symposium Activities**

ERASMUS TEACHING MOBILITY, Attendee, UDINE, Italy, 2014  
Erasmus Yoğun Programı: "Stem Cell Applications: From Bench Side to Bed Side" Szechenyi Istvan Üniversitesi, Attendee, Győr, Hungary, 2014  
Erasmus Teaching Mobility (University of Bonn), Attendee, Bonn, Germany, 2014  
Klinisyenler İçin Uygulamalı Moleküler Biyolojik Yöntemler Kursu, Attendee, Kayseri, Turkey, 2013  
EVCİL HAYVAN GENETİK KAYNAKLARI ARAŞTIRMALARI PROGRAM DEĞERLENDİRME TOPLANTISI, Attendee, Antalya, Turkey, 2013  
Erasmus Yoğun Program Workshop: "Stem Cell Application; From Bench Side to Bed Side", Attendee, Kayseri, Turkey, 2013  
Erasmus Teaching Mobility (Ege University), Attendee, Ege Üniversitesi İzmir, Germany, 2012

## **Scholarships**

4th ESF Conference on Functional Genomics Travel Scholarship, Other International Organizations, 2010 - Continues  
Förder Stipendium, Special Institutions and Organizations, 2008 - Continues  
CINADCO – Center for International Agricultural Development Cooperation, Official Institutions of Foreign Countries, 2005 - Continues  
Staj bursu, Other International Organizations, 2001 - Continues  
Lisans ve yüksek lisans öğrencileri için burs, Foundation, 2000 - Continues

## **Awards**

ÇINAR M. U., Best Oral Presentation, International Congress on Advances in Bioscience and Biotechnology (ICABB),

October 2017

ÇINAR M. U., Travel Award, International Society for Animal Genetics, July 2016

ÇINAR M. U., 2013 yılı Teşvik Ödülü, TMMOB Ziraat Mühendisleri Odası, January 2014

ÇINAR M. U., TÜBİTAK Türkiye Adresli Uluslararası Bilimsel Yayınları Teşvik Programı (UBYT), ULAKBİM, August 2013

ÇINAR M. U., Bilimsel Teşvik Programı, Erciyes Üniversitesi, July 2013

ÇINAR M. U., Poster Award, 33rd Conference of the International Society of Animal Genetics in Cairns, Australia,

International Society of Animal Genetics, July 2012

## **Non Academic Experience**

Washington State University