

## Prof. MEHMET ULAŞ ÇINAR

### Personal Information

**Office Phone:** [+90 352 207 6666](tel:+903522076666) Extension: 38601

**Fax Phone:** [+90 352 437 6209](tel:+903524376209)

**Email:** [mucinar@erciyes.edu.tr](mailto:mucinar@erciyes.edu.tr)

**Other Email:** [mehmet.cinar@wsu.edu](mailto:mehmet.cinar@wsu.edu)

**Web:** <https://avesis.erciyes.edu.tr/mucinar/>

**Address:** Erciyes Üniversitesi Ziraat Fakültesi Melikgazi 38039 Kayseri

### International Researcher IDs

ScholarID: nB3FkiAAAAJ

ORCID: 0000-0001-5894-5072

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

### Postgraduate

Biotechnology in Agriculture, Postgraduate, 2020 - 2021

Üreme Fizyolojisi, Postgraduate, 2013 - 2014

### Undergraduate

Karkas Değerlendirme ve Et Bilimi, Undergraduate, 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 İpekböceği Yetiştirme, Undergraduate, 2012 - 2013

Mesleki Yabancı Dil, Undergraduate, 2012 - 2013

Genetik, Undergraduate, 2012 - 2013

## Supervised 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 cell (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

- I. **Effect of Changes in Farm Management on the Yield and Constituents, Microbiological Quality, Somatic Cell Count and Fatty Acid Profile of the Camel Milk**  
Koç A., Bulca S., Çağlı A., BÜYÜKKILIÇ BEYZİ S., Faye B., Konuspayeva G., ÇINAR M. U.  
Veterinary Medicine and Science, vol.11, no.2, 2025 (SCI-Expanded)
- II. **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)
- III. **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)
- IV. **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)
- V. **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)
- VI. **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)
- VII. **Genome-wide association with footrot in hair and wool sheep**  
Çınar M. U.  
FRONTIERS IN GENETICS, no.14, pp.1-10, 2024 (SCI-Expanded)
- VIII. **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)
- IX. **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)
- X. **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)
- XI. **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)
- XII. **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)
- 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. **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)
- XV. **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)

- XXVI. **Association of GH, STAT5A, MYF5 gene 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)
- XXVII. **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)
- XXVIII. **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)
- XIX. **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)
- XX. **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)
- XXI. **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)
- XXII. **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)
- XXIII. **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)
- XXIV. **LEP and SCD polymorphisms are associated with milk somatic cell count, electrical conductivity and pH values in Holstein cows**  
Kiyici 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)
- XXV. **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)
- 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. **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)
- XXVIII. **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)

- 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. **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 UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.25, no.1, pp.9-15, 2019 (SCI-Expanded)
- XXXI. **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., HIZLIŞOY 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)
- XXXII. **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)
- XXXIII. **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)
- 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. **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)
- XXXVI. **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)
- XXXVII. **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)
- XXXVIII. **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)
- XXXIX. **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)
- XL. **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)
- XLI. **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)

- XLII. **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)
- XLIII. **Appropriate concentration of Hydrogen Peroxide and Sulforaphane for granulosa cells to study oxidative stress in vitro**  
Sohel M. M. H., Çinar M. U., Kaliber M., Arslan K., Sariözkan S., Akyüz B., Konca Y.  
Journal Of Biotechnology, vol.231, no.1, pp.524, 2016 (SCI-Expanded)
- XLIV. **Genotyping of the kappa- casein and beta-lactoglobulin genes in Anatolian water buffalo by PCR-RFLP**  
ÇINAR M. U., AKYÜZ B., ARSLAN K., Ilgar E. G.  
INTERNATIONAL JOURNAL OF DAIRY TECHNOLOGY, vol.69, no.2, pp.308-311, 2016 (SCI-Expanded)
- XLV. **Fat harvesting site is an important determinant of proliferation and pluripotency of adipose-derived stem cells**  
Ardeshirilajimi 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)
- XLVI. **Preliminary study of FMO1, FMO5, 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)
- XLVII. **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)
- XLVIII. **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)
- XLIX. **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)
- L. **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)
- LI. **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)
- LII. **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)

- LIII. **Evaluation of the sustainability of contrasted pig farming systems: integrated evaluation**  
 Bonneau M., Klauke T. N., Gonzalez J., Rydhmer L., Ilari-Antoine E., Dourmad J. Y., de Greef K., Houwers H. W. J., Cinar M. U., Fabrega E., et al.  
 ANIMAL, vol.8, no.12, pp.2058-2068, 2014 (SCI-Expanded)
- LIV. **ANALYSIS OF PROLACTIN AND KAPPA-CASEIN GENES POLYMORPHISM IN FOUR CATTLE BREEDS IN TURKEY**  
 AKYÜZ B., ÇINAR M. U.  
 ANNALS OF ANIMAL SCIENCE, vol.14, no.4, pp.799-806, 2014 (SCI-Expanded)
- LV. **Association of glucose-6-phosphate dehydrogenase activity with oocyte cytoplasmic lipid content, developmental competence, and expression of candidate genes in a sheep model**  
 Mohammadi-Sangcheshmeh A., Veshkini A., Hajarizadeh A., Jamshidi-Adegani F., Zhandi M., Abazari-kia A. H., ÇINAR M. U., Soleimani M., Gastal E. L.  
 JOURNAL OF ASSISTED REPRODUCTION AND GENETICS, vol.31, no.8, pp.1089-1098, 2014 (SCI-Expanded)
- LVI. **Pathway Based Analysis of Genes and Interactions Influencing Porcine Testis Samples from Boars with Divergent Androsthenone Content in Back Fat**  
 Sahadevan S., Gunawan A., Tholen E., Grosse-Brinkhaus C., Tesfaye D., Schellander K., Hofmann-Apitius M., ÇINAR M. U., Uddin M. J.  
 PLOS ONE, vol.9, no.3, 2014 (SCI-Expanded)
- LVII. **Intracellular glutathione content, developmental competence and expression of apoptosis-related genes associated with G6PDH-activity in goat oocyte**  
 Abazari-Kia A. H., Mohammadi-Sangcheshmeh A., Dehghani-Mohammadabadi M., Jamshidi-Adegani F., Veshkini A., Zhandi M., ÇINAR M. U., Salehi M.  
 JOURNAL OF ASSISTED REPRODUCTION AND GENETICS, vol.31, no.3, pp.313-321, 2014 (SCI-Expanded)
- LVIII. **Alveolar macrophage phagocytic activity is enhanced with LPS priming, and combined stimulation of LPS and lipoteichoic acid synergistically induce pro-inflammatory cytokines in pigs**  
 Islam M. A., Proell M., Hoelker M., Tholen E., Tesfaye D., Looft C., Schellander K., Cinar M. U.  
 INNATE IMMUNITY, vol.19, no.6, pp.631-643, 2013 (SCI-Expanded)
- LIX. **A genetical genomics approach reveals new candidates and confirms known candidate genes for drip loss in a porcine resource population**  
 Heidt H., Cinar M. U., Uddin M. J., Looft C., Juengst H., Tesfaye D., Becker A., Zimmer A., Ponsuksili S., Wimmers K., et al.  
 MAMMALIAN GENOME, vol.24, pp.416-426, 2013 (SCI-Expanded)
- LX. **Age-associated differential production of IFN-gamma, IL-10 and GM-CSF by porcine alveolar macrophages in response to lipopolysaccharide**  
 Islam M. A., Uddin M. J., Tholen E., Tesfaye D., Looft C., Schellander K., Cinar M. U.  
 VETERINARY JOURNAL, vol.198, no.1, pp.245-251, 2013 (SCI-Expanded)
- LXI. **Genome-wide association identifies TBX5 as candidate gene for osteochondrosis providing a functional link to cartilage perfusion as initial factor**  
 Rangkasenee N., Murani E., Brunner R. M., Schellander K., Cinar M. U., Luther H., Hofer A., Stoll M., Witten A., Ponsuksili S., et al.  
 Frontiers in Genetics, vol.4, 2013 (SCI-Expanded)
- LXII. **Gene expression profiling of articular cartilage reveals functional pathways and networks of candidate genes for osteochondrosis in pigs**  
 Rangkasenee N., Murani E., Schellander K., Cinar M. U., Ponsuksili S., Wimmers K.  
 PHYSIOLOGICAL GENOMICS, vol.45, no.18, pp.856-865, 2013 (SCI-Expanded)
- LXIII. **Identification of the Novel Candidate Genes and Variants in Boar Liver Tissues with Divergent Skatole Levels Using RNA Deep Sequencing**  
 Gunawan A., Sahadevan S., Cinar M. U., Neuhoft C., Grosse-Brinkhaus C., Frieden L., Tesfaye D., Tholen E., Looft C., Wondim D. S., et al.  
 PLOS ONE, vol.8, no.8, 2013 (SCI-Expanded)
- LXIV. **Association and expression analysis of porcine HNF1A gene related to meat and carcass quality**



**traits**

Kayan A., Uddin M. J., Kocamis H., Tesfaye D., Looft C., Tholen E., Schellander K., Cinar M. U.  
MEAT SCIENCE, vol.94, no.4, pp.474-479, 2013 (SCI-Expanded)

- LXV. **Expression patterns of porcine Toll-like receptors family set of genes (TLR1-10) in gut-associated lymphoid tissues alter with age**  
Uddin M. J., Kaewmala K., Tesfaye D., Tholen E., Looft C., Hoelker M., Schellander K., Cinar M. U.  
RESEARCH IN VETERINARY SCIENCE, vol.95, no.1, pp.92-102, 2013 (SCI-Expanded)
- LXVI. **MicroRNA-regulated molecular mechanism underlying bovine subclinical endometritis.**  
Hailemariam D., Looft C., Tesfaye D., Tholen E., Schellander K., Hölker M., Ibrahim S., ÇINAR M. U., Drillich M.  
REPRODUCTION FERTILITY AND DEVELOPMENT, vol.1, pp.1, 2013 (SCI-Expanded)
- LXVII. **RNA Deep Sequencing Reveals Novel Candidate Genes and Polymorphisms in Boar Testis and Liver Tissues with Divergent Androstenone Levels**  
Gunawan A., Sahadevan S., Neuhoﬀ C., Grosse-Brinkhaus C., Gad A., Frieden L., Tesfaye D., Tholen E., Looft C., Uddin M. J., et al.  
PLOS ONE, vol.8, no.5, 2013 (SCI-Expanded)
- LXVIII. **KRT8, FAF1 and PTH1R gene polymorphisms are associated with leg weakness traits in pigs**  
Rangkasenee N., Murani E., Brunner R., Schellander K., Cinar M. U., Scholz A. M., Luther H., Hofer A., Ponsuksili S., Wimmers K.  
MOLECULAR BIOLOGY REPORTS, vol.40, no.4, pp.2859-2866, 2013 (SCI-Expanded)
- LXIX. **Transcriptome profile of bovine elongated conceptus obtained from SCNT and IVP pregnancies**  
Betsha S., Hoelker M., Salilew-Wondim D., Held E., Rings F., Grosse-Brinkhaus C., Cinar M. U., Havlicek V., Besenfelder U., Tholen E., et al.  
MOLECULAR REPRODUCTION AND DEVELOPMENT, vol.80, no.4, pp.315-333, 2013 (SCI-Expanded)
- LXX. **Expression of microRNA and microRNA processing machinery genes during early quail (Coturnix japonica) embryo development**  
Kocamis H., Hossain M. M., Cinar M. U., Salilew-Wondim D., Mohammadi-Sangcheshmeh A., Tesfaye D., Hoelker M., Schellander K.  
POULTRY SCIENCE, vol.92, no.3, pp.787-797, 2013 (SCI-Expanded)
- LXXI. **Isolation, characterization, and mesodermic differentiation of stem cells from adipose tissue of camel (Camelus dromedarius)**  
Mohammadi-Sangcheshmeh A., Shafiee A., Seyedjafari E., Dinarvand P., Toghdory A., Bagherizadeh I., Schellander K., Cinar M. U., Soleimani M.  
IN VITRO CELLULAR & DEVELOPMENTAL BIOLOGY-ANIMAL, vol.49, no.2, pp.147-154, 2013 (SCI-Expanded)
- LXXII. **Aberrant placenta gene expression pattern in bovine pregnancies established after transfer of cloned or in vitro produced embryos**  
Salilew-Wondim D., Tesfaye D., Hossain M., Held E., Rings F., Tholen E., Looft C., Cinar U., Schellander K., Hoelker M.  
PHYSIOLOGICAL GENOMICS, vol.45, no.1, pp.28-46, 2013 (SCI-Expanded)
- LXXIII. **Age-related changes in phagocytic activity and production of pro-inflammatory cytokines by lipopolysaccharide stimulated porcine alveolar macrophages**  
Islam M. A., Uddin M. J., Tholen E., Tesfaye D., Looft C., Schellander K., Cinar M. U.  
CYTOKINE, vol.60, no.3, pp.707-717, 2012 (SCI-Expanded)
- LXXIV. **Sulforaphane causes a major epigenetic repression of myostatin in porcine satellite cells**  
Fan H., Zhang R., Tesfaye D., Tholen E., Looft C., Hoelker M., Schellander K., Cinar M. U.  
EPIGENETICS, vol.7, no.12, pp.1379-1390, 2012 (SCI-Expanded)
- LXXV. **Molecular Mechanisms and Pathways Involved in Bovine Embryonic Genome Activation and Their Regulation by Alternative In Vivo and In Vitro Culture Conditions**  
Gad A., Hoelker M., Besenfelder U., Havlicek V., Cinar U., Rings F., Held E., Dufort I., Sirard M., Schellander K., et al.  
BIOLOGY OF REPRODUCTION, vol.87, no.4, 2012 (SCI-Expanded)
- LXXVI. **Investigation on Association and Expression of ESR2 as a Candidate Gene for Boar Sperm Quality and Fertility**  
Gunawan A., Cinar M. U., Uddin M. J., Kaewmala K., Tesfaye D., Phatsara C., Tholen E., Looft C., Schellander K.

- REPRODUCTION IN DOMESTIC ANIMALS, vol.47, no.5, pp.782-790, 2012 (SCI-Expanded)
- LXXVII. **Züchterische Möglichkeiten zur Verminderung der Ebergeruchsproblematik bei Schlachtschweinen**  
Frieden L., Neuhoff C., Grosse-Brinkhaus C., ÇINAR M. U., Looft C., Schellander K., Tholen E.  
ZUCHTUNGSKUNDE, vol.84, no.5, pp.1, 2012 (SCI-Expanded)
- LXXVIII. **The mRNA Expression Pattern of Skeletal Muscle Regulatory Factors in Divergent Phenotype Swine Breeds**  
ÇINAR M. U., Fan H.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.18, no.4, pp.685-690, 2012 (SCI-Expanded)
- LXXIX. **Expression dynamics of Toll-like receptors mRNA and cytokines in porcine peripheral blood mononuclear cells stimulated by bacterial lipopolysaccharide**  
Uddin M. J., Nuro-Gyina P. K., Islam M. A., Tesfaye D., Tholen E., Looft C., Schellander K., Cinar M. U.  
VETERINARY IMMUNOLOGY AND IMMUNOPATHOLOGY, vol.147, pp.211-222, 2012 (SCI-Expanded)
- LXXX. **Investigation into Association and Expression of PLC $\zeta$  and COX-2 as Candidate Genes for Boar Sperm Quality and Fertility**  
Kaewmala K., Uddin M. J., Cinar M. U., Grosse-Brinkhaus C., Jonas E., Tesfaye D., Phatsara C., Tholen E., Looft C., Schellander K.  
REPRODUCTION IN DOMESTIC ANIMALS, vol.47, no.2, pp.213-223, 2012 (SCI-Expanded)
- LXXXI. **Association and expression study of MMP3, TGF $\beta$ 1 and COL10A1 as candidate genes for leg weakness-related traits in pigs**  
ÇINAR M. U.  
MOLECULAR BIOLOGY REPORTS, vol.39, pp.3893-3891, 2012 (SCI-Expanded)
- LXXXII. **Association and expression quantitative trait loci (eQTL) analysis of porcine AMBP, GC and PPP1R3B genes with meat quality traits**  
ÇINAR M. U., Kayan A., Uddin M. J., Jonas E., Tesfaye D., Phatsara C., Ponsuksili S., Wimmers K., Tholen E., Looft C., et al.  
MOLECULAR BIOLOGY REPORTS, vol.39, no.4, pp.4809-4821, 2012 (SCI-Expanded)
- LXXXIII. **Expression of Toll-like receptors and downstream genes in lipopolysaccharide-induced porcine alveolar macrophages**  
Islam M. A., Cinar M. U., Uddin M. J., Tholen E., Tesfaye D., Looft C., Schellander K.  
VETERINARY IMMUNOLOGY AND IMMUNOPATHOLOGY, vol.146, no.1, pp.62-73, 2012 (SCI-Expanded)
- LXXXIV. **Investigation on Porcine Aromatase (CYP19) as a Specific Target Gene for Boar Testis**  
ÇINAR M. U., Gunawan A.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.18, no.2, pp.243-248, 2012 (SCI-Expanded)
- LXXXV. **eQTL Analysis and Association of MYF6 mRNA Expression with Meat Quality Traits in Pigs**  
ÇINAR M. U., Fan H., Neuhoff C., Grosse-Brinkhaus C.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.18, no.2, pp.235-242, 2012 (SCI-Expanded)
- LXXXVI. **Association of PPARGC1A and CAPNS1 gene polymorphisms and expression with meat quality traits in pigs**  
Gandolfi G., Cinar M. U., Ponsuksili S., Wimmers K., Tesfaye D., Looft C., Juengst H., Tholen E., Phatsara C., Schellander K., et al.  
MEAT SCIENCE, vol.89, no.4, pp.478-485, 2011 (SCI-Expanded)
- LXXXVII. **Molecular mechanism underlying the differential MYF6 expression in postnatal skeletal muscle of Duroc and Pietrain breeds**  
Fan H., Cinar M. U., Phatsara C., Tesfaye D., Tholen E., Looft C., Schellander K.  
GENE, vol.486, pp.8-14, 2011 (SCI-Expanded)
- LXXXVIII. **Association study and expression analysis of porcine ESR1 as a candidate gene for boar fertility and sperm quality**  
Gunawan A., Kaewmala K., Uddin M. J., Cinar M. U., Tesfaye D., Phatsara C., Tholen E., Looft C., Schellander K.  
ANIMAL REPRODUCTION SCIENCE, vol.128, pp.11-21, 2011 (SCI-Expanded)
- LXXXIX. **Expression analysis of regulatory microRNAs in bovine cumulus oocyte complex and preimplantation embryos**

ÇINAR M. U.

ZYGOTE, vol.1, pp.1-21, 2011 (SCI-Expanded)

- XC. **Polymorphism and expression of the porcine Tenascin C gene associated with meat and carcass quality**  
Kayan A., Cinar M. U., Uddin M. J., Phatsara C., Wimmers K., Ponsuksili S., Tesfaye D., Looft C., Juengst H., Tholen E., et al.  
MEAT SCIENCE, vol.89, no.1, pp.76-83, 2011 (SCI-Expanded)
- XCII. **Investigation on interferon alphas inducible protein 6 (IFI6) gene as a candidate for meat and carcass quality in pig**  
ÇINAR M. U.  
MEAT SCIENCE, vol.88, pp.755-760, 2011 (SCI-Expanded)
- XCIII. **Detection of quantitative trait loci affecting serum cholesterol, LDL, HDL, and triglyceride in pigs**  
Uddin M. J., Duy D. N., Cinar M. U., Tesfaye D., Tholen E., Juengst H., Looft C., Schellander K.  
BMC GENETICS, vol.12, 2011 (SCI-Expanded)
- XCIV. **Effect of reproductive tract environment following controlled ovarian hyperstimulation treatment on embryo development and global transcriptome profile of blastocysts: implications for animal breeding and human assisted reproduction**  
Gad A., Besenfelder U., Rings F., Ghanem N., Salilew-Wondim D., Hossain M. M., Tesfaye D., Lonergan P., Becker A., Cinar U., et al.  
HUMAN REPRODUCTION, vol.26, no.7, pp.1693-1707, 2011 (SCI-Expanded)
- XCV. **Association study and expression analysis of CD9 as candidate gene for boar sperm quality and fertility traits**  
Kaewmala K., Uddin M. J., Cinar M. U., Grosse-Brinkhaus C., Jonas E., Tesfaye D., Phatsara C., Tholen E., Looft C., Schellander K.  
ANIMAL REPRODUCTION SCIENCE, vol.125, pp.170-179, 2011 (SCI-Expanded)
- XCVI. **Intracellular signaling cascades induced by relaxin in the stimulation of capacitation and acrosome reaction in fresh and frozen-thawed bovine spermatozoa**  
Miah A. G., Salma U., Sinha P. B., Hoelker M., Tesfaye D., Cinar M. U., Tsujii H., Schellander K.  
ANIMAL REPRODUCTION SCIENCE, vol.125, pp.30-41, 2011 (SCI-Expanded)
- XCVII. **Mapping quantitative trait loci for innate immune response in the pig**  
Uddin M. J., Cinar M. U., Grosse-Brinkhaus C., Tesfaye D., Tholen E., Juengst H., Looft C., Wimmers K., Phatsara C., Schellander K.  
INTERNATIONAL JOURNAL OF IMMUNOGENETICS, vol.38, no.2, pp.121-131, 2011 (SCI-Expanded)
- XCVIII. **Quantitative trait loci analysis for leg weakness-related traits in a Duroc x Pietrain crossbred population**  
Laenoi W., Uddin M. J., Cinar M. U., Grosse-Brinkhaus C., Tesfaye D., Jonas E., Scholz A. M., Tholen E., Looft C., Wimmers K., et al.  
GENETICS SELECTION EVOLUTION, vol.43, 2011 (SCI-Expanded)
- XCVIII. **Transcriptome dynamics and molecular cross-talk between bovine oocyte and its companion cumulus cells**  
Regassa A., Rings F., Hoelker M., Cinar U., Tholen E., Looft C., Schellander K., Tesfaye D.  
BMC GENOMICS, vol.12, 2011 (SCI-Expanded)
- XCIX. **Mapping of quantitative trait loci for mycoplasma and tetanus antibodies and interferon-gamma in a porcine F-2 Duroc x Pietrain resource population**  
Uddin M. J., Grosse-Brinkhaus C., Cinar M. U., Jonas E., Tesfaye D., Tholen E., Juengst H., Looft C., Ponsuksili S., Wimmers K., et al.  
MAMMALIAN GENOME, vol.21, pp.409-418, 2010 (SCI-Expanded)
- C. **Bovine pretransfer endometrium and embryo transcriptome fingerprints as predictors of pregnancy success after embryo transfer**  
ÇINAR M. U.  
PHYSIOLOGICAL GENOMICS, vol.42, pp.201-218, 2010 (SCI-Expanded)

- CI. **Molecular characterization and methylation study of matrix gla protein in articular cartilage from pig with osteochondrosis**  
Laenoi W., Uddin M. J., Cinar M. U., Phatsara C., Tesfaye D., Scholz A. M., Tholen E., Looft C., Mielenz M., Sauerwein H., et al.  
GENE, vol.459, pp.24-31, 2010 (SCI-Expanded)

## Articles Published in Other Journals

- I. **The Polymorphism of Insulin-Like Growth Factor-1 Receptor Gene and Its Associations with Live Weight Traits and Birth Type in Akkaraman Lambs**  
YÜKSEL M., BAYRAM D., ARSLAN K., DALDABAN F., ÇINAR M. U., AKYÜZ B.  
Fırat Üniversitesi Sağlık Bilimleri Veteriner Dergisi, vol.38, no.3, pp.246-251, 2024 (Peer-Reviewed Journal)
- II. **The Expression Dynamics of Key Immune-Related Genes in Response to Mannheimia Haemolytica in Sheep Alveolar Macrophages In Vitro**  
Çınar M. U.  
Hayvan Bilimi ve Ürünleri Dergisi , vol.6, no.1, pp.1-13, 2023 (Peer-Reviewed Journal)
- III. **Akkaraman ve Romanov Kuzularının Alveolar Makrofajlarında Lipopolisakkarit ve Lipoteikoik Asite Yanıtta İmmün İlişkili Genlerin Ekspresyon Profiline Araştırılması**  
Naji A. Q., Sohel M. M. H., Al-Janabi S. A. A., Sajid G. A., Çınar M. U.  
Hayvan Bilimi ve Ürünleri Dergisi, vol.5, no.1, pp.7-23, 2022 (Peer-Reviewed Journal)
- IV. **Investigation of the effects of antimicrobials to control campylobacter jejuni in chicken carcass**  
Jameel F. R., HIZLISOY H., ÇINAR M. U.  
Annals of the Romanian Society for Cell Biology, vol.25, no.1, pp.6590-6607, 2021 (Scopus)
- V. **Türkiye’de Süt Sığırı Yetiştiriciliği Uygulamaları Üzerine Bir Araştırma**  
METİN KIYICI J., ÇINAR M. U.  
Journal of Animal Science and Products, vol.3, no.2, pp.165-175, 2020 (Peer-Reviewed Journal)
- VI. **Investigation of the Relationship between FABP4, NR1H3 and SCD Genes and Some Milk Yield Traits in Holstein Cattle**  
Arslan K., Metin Kıyıcı J., Akyüz B., Kaliber M., Aksel E. G., Çınar M. U.  
Journal of Faculty of Veterinary Medicine Erciyes University, vol.16, no.2, pp.115-121, 2019 (Peer-Reviewed Journal)
- VII. **Heterogeneous expression of Toll-like receptors genes in lymphoid tissues of different ages pigs**  
Uddin M. J., Kaewmala K., Neuhof C., Tesfaye D., Tholen E., Looft C., ÇINAR M. U., Schellander K.  
GENE REPORTS, vol.15, pp.100401, 2019 (ESCI)
- VIII. **Impacts of Macronutrients on Gene Expression: Recent Evidence to Understand Productive and Reproductive Performance of Livestock**  
Sohel M. M. H., Konca Y., Çınar M. U.  
Turkish Journal of Agriculture -Food Science and Technology, vol.6, no.2, pp.203-212, 2018 (Peer-Reviewed Journal)
- IX. **Türkiye’de Yetiştirilen Kıl ve Halep Keçilerinde Beta-Laktoglobulin (B-LG)/SacII Polimorfizminin Belirlenmesi**  
ARSLAN K., AKYÜZ B., AKSEL E. G., ÖZDEMİR F., ÇINAR M. U.  
ERCİYES ÜNİVERSİTESİ VETERİNER FAKÜLTESİ DERGİSİ, vol.14, pp.107-112, 2017 (Peer-Reviewed Journal)
- X. **Türkiye’de Yetiştirilen Kıl ve Halep Keçilerinde Beta-Laktoglobulin (β-LG)/ SacIIPolimorfizminin Belirlenmesi**  
ARSLAN K., AKYÜZ B., AKSEL E. G., ÖZDEMİR F., ÇINAR M. U.  
Erciyes Üniversitesi Veteriner Fakültesi Dergisi, vol.14, pp.107-112, 2017 (Peer-Reviewed Journal)
- XI. **Determination of Toll-Like Receptor 1 Gene Polymorphisms in Zavot, Turkish Grey, East Anatolian Red, Anatolian Black and South Anatolian Red Cattle Breeds**  
Çınar M. U., Arslan K., İlgar E. G., Akyüz B.

Turkish Journal of Agriculture-Food Science and Technology, vol.4, no.5, pp.352-355, 2016 (Peer-Reviewed Journal)

- XII. **Advancement in molecular genetics to understand the molecular reproduction of livestock – follicular development**  
SOHEL M. M. H., ÇINAR M. U.  
Research in Agriculture, Livestock and Fisheries, vol.1, no.1, pp.47-60, 2014 (Peer-Reviewed Journal)
- XIII. **Evaluation of suitable reference genes for gene expression studies in porcine PBMCs in response to LPS and LTA**  
Cinar M. U., Islam M. A., Pröll M., Kocamis H., Tholen E., Tesfaye D., Looft C., Schellander K., Uddin M. J.  
BMC Research Notes, vol.6, no.1, 2013 (Scopus)
- XIV. **Charakterisierung vom QTL – Stand der QTL – Analyse beim Schwein**  
ÇINAR M. U.  
Nova Acta Leopoldina, vol.113, no.388, pp.131-141, 2012 (Peer-Reviewed Journal)
- XV. **Evaluation of suitable reference genes for gene expression studies in porcine alveolar macrophages in response to LPS and LTA**  
ÇINAR M. U.  
BMC RESEARCH NOTES, vol.5, pp.18-25, 2012 (Scopus)
- XVI. **Age-related changes in relative expression stability of commonly used housekeeping genes in selected porcine tissues**  
ÇINAR M. U.  
BMC RESEARCH NOTES, vol.4, pp.441-451, 2011 (Scopus)
- XVII. **A Review of the Last Decade (1994-2004) of Quail Studies in Turkey**  
ÇINAR M. U.  
HAYVANSAL ÜRETİM, vol.47, no.1, pp.28-35, 2006 (Peer-Reviewed Journal)
- XVIII. **Kanatlı Genetik Kaynakları, Mevcut Risk Durumu ve Türkiye Yerli Kanatlı Irklarını Koruma Çalışmaları**  
ÇINAR M. U.  
Hasad Hayvancılık, vol.21, no.247, pp.28-31, 2005 (Non Peer-Reviewed Journal)

## Books

- I. **Domuz Islahı**  
Çınar M. U.  
in: Çiftlik Hayvanlarının Genetik Islahı, Prof. Dr. Mehmet İhsan Soysal, Editor, Nobel Yayın Dağıtım, Ankara, pp.1-485, 2022
- II. **Improvement of Disease Resistance in Livestock: Application of Immunogenomics and CRISPR/Cas9 Technology**  
Islam M. A., Rony S. A., Rahman M. B., ÇINAR M. U., Villena J., Uddin M. J., Kitazawa H.  
in: Genetics of Animal Health and Disease in Livestock, Castiglioni Bianca, Editor, MDPI Books, Basel, pp.53-72, 2021

## Papers Published in Refereed Scientific Meetings

- I. **Throughput Detection of Cell Damage related hnRNPL Gene Activation in Ovine Epithelial Cells upon Staphylococcus aureus Stimulation**  
Sajid G. A., Aljanabi S. A. A., Zeb S., Çınar M. U.  
DGfZ-/GfT- Jahrestagung , Göttingen, Germany, 18 - 19 September 2024, pp.8
- II. **Cell Death-Related Transcriptomic Signatures in Mammary Epithelial Cells Induced by Gram-Positive Bacteria**

Uddin M. J., Sajid G. A., Al-Janabi S. A. A., Çınar M. U.

Cell death: Friend or foe in animal and plant immunity, Barcelona, Spain, 11 October 2024, no.41, pp.100

- III. **Türkiye'de Manda Yetiştiriciliğinin Projeksiyonu: 2023-2032 Yılları**  
Özdemir M., Çınar M. U.  
13. Ulusal Zootečni Bilim Kongresi , Ankara, Turkey, 26 October - 28 December 2023, pp.14-15
- IV. **Akkaraman Kuzularda Genom Boyu İlişki Analizleri (GWAS)**  
Kızılaslan M., Arzık Y., White S. N., Çınar M. U.  
13. Ulusal Zootečni Bilim Kongresi , Ankara, Turkey, 26 - 28 October 2023, pp.68-69
- V. **Expression of Neurofilament Medium Chain (NEFM) and DEAD-Box Helicase 5 (DDX5) genes in ovine mammary epithelial cells after stimulation with Staphylococcus aureus in vitro**  
Zeb S., Çınar M. U.  
5TH WORLD CONFERENCE ON SUSTAINABLE LIFE SCIENCES, Nevşehir, Turkey, 7 - 10 December 2023, pp.67
- VI. **Kuzularda Tonik Hareketsizlik ve Canlı Ağırlıklar Arasındaki İlişkinin Araştırılması**  
Metin Kıyıcı J., Karaca S. B., Çınar M. U.  
13. Zootečni Ulusal Bilim Kongresi, Ankara, Turkey, 26 - 28 October 2023, pp.1
- VII. **Effect of Alpha-Actinin-3 (ACTN3) Gene on Skeletal Muscle**  
Metin Kıyıcı J., Sevisoglu B., Çınar M. U.  
8th International Asian Congress on Contemporary Sciences, Aksaray, Turkey, 5 - 07 May 2023, pp.861-864
- VIII. **Türkiye'de Koyun Yetiştiriciliğinin Projeksiyonu: 2022-2031**  
Özdemir M., Çınar M. U.  
International Current Research on Agriculture and Food Technologies, Adana, Turkey, 6 - 08 October 2022, pp.11-18
- IX. **Türkiye'de Büyükbaş ve Küçükbaş Hayvancılığın Son 50 Yılı**  
Özdemir M., Çınar M. U.  
15. Ulusal Zootečni Öğrenci Kongresi, Adana, Turkey, 9 - 11 May 2022, pp.108
- X. **Farklı yetiştiricilik sistemlerinin yumurta iç ve dış kalite özellikleri üzerine etkileri**  
Özdemir M., Çınar M. U., Konca Y.  
14. Ulusal Zootečni Öğrenci Kongresi, Bursa, Turkey, 22 May 2021, pp.80
- XI. **Association of TMEM8B with Mature Weight in Sheep**  
Çınar M. U.  
The Plant and Animal Genome Conference PAG 2020, California, United States Of America, 11 - 15 January 2020, pp.1
- XII. **Investigating the mRNA expression of IL-8 in Response to Lipopolysaccharide (LPS) and Lipoteichoic Acid (LTA) Stimulation in Sheep Alveolar Macrophages**  
Sohel M. M. H., Çınar M. U.  
11th INTERNATIONAL ANIMAL SCIENCE CONGRESS, Kayseri, Turkey, 20 - 22 October 2019, pp.79-80
- XIII. **Use of cannabis seeds in poultry nutrition and its effects on meat and egg quality**  
Çınar M. U., Özsoy T., Büyükkılıç Beyzi S., Kaliber M., Konca Y.  
XI International Animal Science Conference, Nevşehir, Turkey, 20 - 22 October 2019
- XIV. **Milk Fatty Acid Composition of Anatolian Water Buffalo (Bubalus bubalis) from Different Provinces**  
ÇINAR M. U., ÖZSOY T., BÜYÜKKILIÇ BEYZİ S., KALİBER M., KONCA Y.  
XI International Animal Science Conference, 20 - 22 October 2019
- XV. **Association of TNXB with Objective Milk Production Traits in U.S. Dairy Sheep**  
ÇINAR M. U.  
The Plant and Animal Genome XXVII Conference (PAG), San Diego, United States Of America, 12 - 16 January 2019
- XVI. **Association of GH, STAT5A, MYF5 gene polymorphisms with milk somatic cell counts, electrical conductivity and pH**  
METİN KIYICI J., AKYÜZ B., KALİBER M., ARSLAN K., AKSEL E. G., ÇINAR M. U.  
10th International Animal Science Conference, 25 - 27 October 2018
- XVII. **Prion protein (PRNP) alleles S146 and K222 result in long disease-free periods following scrapie inoculation in goat**

- ÇINAR M. U., SCHNEIDER D. A., WALDRON D. F., O ROURKE K. I., WHITE S. N.  
10th International Animal Science Conference, 25 - 27 October 2018
- XVIII. **Conjugated linoleic acid (CLA) content of Anatolian water buffalo (*Bubalus bubalis*) milk fat**  
Özsoy T., BÜYÜKKILIÇ BEYZİ S., KALİBER M., KONCA Y., ÇINAR M. U.  
10. International Animal Science Conference, 25 - 27 October 2018, vol.1, pp.21-23
- XIX. **Prion protein (PRNP) alleles S146 and K222 result in long disease-free periods following scrapie inoculation in goats**  
ÇINAR M. U., Waldron D. F., Schneider D. A., White S.  
10th International Animal Science Conference, Antalya, Turkey, 25 - 27 October 2018, pp.296-298
- XX. **Interactions of GH, STAT5A, MYF5 gene polymorphisms with milk somatic cell counts, electrical conductivity and pH**  
METİN KIYICI J., AKYÜZ B., KALİBER M., ARSLAN K., AKSEL E. G., ÇINAR M. U.  
10. International Animal Science Conference, Antalya, Turkey, 25 - 27 October 2018, vol.1, no.1, pp.1
- XXI. **High and low protein input in maternal diet alters the expression of genes in fetal skeletal muscle in sheep**  
Çinar M. U., Akyüz B., Konca Y., Arslan K., Gürbulak K., Abay M., Kaliber M., Sohel M. M. H.  
European Biotechnology Congress, Athens, Greece, 26 - 28 April 2018, vol.280
- XXII. **Toll Like Receptor 1 (tlr1 1380 G/a) Snp Was Associated With Paratuberculosis Susceptibility In Holstein And Indigenous Crossbred Cattle In Turkey**  
Çinar M. U., Akyüz B., Hizlisoy H., Sohel M. M. H., Arslan K., Aksel E. G., Gümüşsoy K. S.  
International Agricultural Science Congress, Van, Turkey, 9 - 12 May 2018
- XXIII. **Maternal high protein diet changes the expression of growth and development related miRNAs in fetal skeletal muscle.**  
Sohel M. M. H., Akyüz B., Konca Y., Arslan K., Gürbulak K., Abay M., Kaliber M., Çinar M. U.  
International Agricultural Science Congress, Van, Turkey, 9 - 12 May 2018, pp.1
- XXIV. **Anadolu manda (*Bubalus bubalis*) sütü kompozisyonunun araştırılması**  
ÖZSOY T., BÜYÜKKILIÇ BEYZİ S., KALİBER M., KONCA Y., ÇINAR M. U.  
13. Ulusal Zootečni Öğrenci Kongresi, Antalya, Turkey, 25 - 28 April 2018, pp.1
- XXV. **Yerli Kara Ve Dogu Anadolu Kırmızısı Irkı Sığırlarda Tüberküloz Görülme Oranı İle Tlr1, Tlr4, Tlr9 Ve Slca11a1 Genleri Arasındaki İlişkinin Araştırılması**  
AKSEL E. G., ARSLAN K., AKÇAY A., GÜMÜŞSOY K. S., AKYÜZ B., ÇINAR M. U.  
Eurasian Conference On Biological And Chemical Sciences (eurasianbiochem 2018) Ankara,, Ankara, Turkey, 26 - 27 April 2018, pp.424
- XXVI. **Anadolu Manda (*Bubalus bubalis*) Sütü Kompozisyonununun Araştırılması**  
ÖZSOY T., BÜYÜKKILIÇ BEYZİ S., KALİBER M., KONCA Y., ÇINAR M. U.  
13. Ulusal Zootečni Öğrenci Kongresi, Turkey, 26 - 27 April 2018
- XXVII. **Tenascin-Xb (TNXB) Amino Acid Substitution E2004G Is Associated with Mature Weight and Milk Score in American Rambouillet, Targhee, Polypay, and Suffolk Sheep**  
ÇINAR M. U., Mousel M., Herndon M. K., Taylor J. B., WHITE S. N.  
The Plant and Animal Genome XXVI Conference (PAG), San Diego, United States Of America, 13 - 17 January 2018, pp.1
- XXVIII. **Time and dose-dependent effects of oxidative stress induced by hydrogen peroxide in ovarian granulosa cells**  
Sohel M. M. H., Konca Y., Çinar M. U.  
The International Congress on Advances in Bioscience and Biotechnology (ICABB), Sarajevo, Bosnia And Herzegovina, 25 - 29 November 2017, pp.1
- XXIX. **Goat PRNP alleles S146 and K222 result in long disease-free periods following scrapie inoculation**  
White S., Schneider D. A., ÇINAR M. U., Waldron D. F.  
121st USAHA & 60th AAVLD Annual Meeting, San Diego, United States Of America, 12 - 18 October 2017, pp.1
- XXX. **MHC Class III gene Tenascin-XB (TNXB) is associated with mature weight in U.S. Rambouillet, Targhee, Polypay, and Suffolk sheep.**

- ÇINAR M. U., Mousel M., Herndon M. K., Highland M. A., Taylor J. B., Knowles D. P., White S.  
36th International Society for Animal Genetics Conference, Dublin, Ireland, 16 - 21 July 2017, pp.87
- XXXI. **Association of acyl coenzyme A: Diacylglycerol acyltransferase 1 (DGAT1) gene with individual and lifetime sheep production traits**  
ÇINAR M. U., Mousel M., White S.  
2nd International Balkan Agriculture Congress, Tekirdağ, Turkey, 15 - 18 May 2017, pp.1
- XXXII. **Holstein Sığırlarında Büyüme Hormonu (bGH) Geni AluI Polimorfizminin Allel ve Genotip Frekansının Meta Analizi**  
AKSEL E. G., ARSLAN K., AKÇAY A., GÜMÜŞSOY K. S., AKYÜZ B., ÇINAR M. U.  
International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), Ankara, Turkey, 26 - 27 April 2018, pp.72
- XXXIII. **Yerli Kara ve Doğu Anadolu Kırmızısı Irkı Sığırlarda Tüberküloz Görülme Oranı Üzerine TLR1,TLR4,TLR9 ve SLCA11A1 Genlerinin Etkisinin Araştırılması**  
AKSEL E. G., ARSLAN K., AKÇAY A., GÜMÜŞSOY K. S., AKYÜZ B., ÇINAR M. U.  
International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), Ankara, Turkey, 26 - 27 April 2018, pp.424
- XXXIV. **Reaktif Oksijen Türlerinin (ROT) Zaman ve Doz Bağlılığı ve ROT'un Hidrojen Peroksitle İndüklenmiş Oksidatif Strese Maruz Bırakılmış Granuloza Hücrelerinde Yaşama Gücüne ve Sitotoksiteye Etkisi**  
SOHEL M. M. H., ÇINAR M. U.  
II. Yaşam Bilimleri Kongresi, Kayseri, Turkey, 23 - 25 February 2017, pp.101
- XXXV. **REAKTİF OKSİJEN TÜRLEİNİN (ROT) ZAMAN VE DOZ BAĞLILIĞI VE ROT'UN HİDROJENPEROKSİTLE İNDÜKLENMİŞ OKSİDATİF STRESE MARUZ BIRAKILMIŞ GRANULOZAHÜCRELERİNDE YAŞAMA GÜCÜNE VE SİTOTOKSİTEYE ETKİSİ**  
SOHEL M. M. H., ÇINAR M. U.  
2. YAŞAM BİLİMLERİ KONGRESİ, Turkey, 23 - 25 February 2017
- XXXVI. **Goats Singly Heterozygous for PRNP S146 or K222 Substitutions Each Show Extended Scrapie Incubation Time Beyond Common Commercial Productive Lifetime**  
White S., ÇINAR M. U., Schneider D. A., Waldron D. F., O'Rourke K. I.  
International Plant & Animal Genome XXV, San Diego, United States Of America, 14 - 18 January 2017, pp.117-118
- XXXVII. **Relationships Between Milk Quality and Milk Yield Composition**  
METİN KIYICI J., ÇINAR M. U., AKYÜZ B., ARSLAN K., İLGAR E. G., KALİBER M.  
Uluslararası Hayvansal Gıdalar Kongresi, Cyprus (Kkct), 10 - 13 November 2016
- XXXVIII. **Activation of Nrf2-Antioxidant Pathway in Response to Different Concentration of Sulforaphane in granulosa cells**  
Sohel M. M. H., Konca Y., Arslan K., Sariözkan S., Akyüz B., Çinar M. U.  
INTERNATIONAL CONFERENCE ON BIOLOGICAL SCIENCES (ICBS), Konya, Turkey, 21 - 26 October 2016, pp.21
- XXXIX. **Detection of Beta-Laktoglobulin (β-LG) Gene Polymorphism in Hair and Halep (Damascus) Goat Breeds in Turkey**  
ARSLAN K., AKYÜZ B., AKSEL E. G., ÖZDEMİR F., ÇINAR M. U.  
12th International Conference on Goats "ICG 2016", Antalya, Turkey, 25 - 30 September 2016, pp.55
- XL. **Detection of Beta Laktoglobulin B LG Gene Polymorphisim in Hair And Halep Damascus Goat Breeds In Turkey**  
ARSLAN K., AKYÜZ B., İLGAR E. G., ÖZDEMİR F., ÇINAR M. U.  
12th International Conference On Goats, 25 - 30 September 2016
- XLI. **Sulforaphane enhances proliferation of porcine satellite cells through suppression of TGF b signaling pathway**  
Zhang R., Neuhoff C., Fan H., Welzenbach J., Yang Q., Uddin M. J., ÇINAR M. U., Tesfaye D., Tholen E., Looft C., et al.  
35th International Conference on Animal Genetics, United States Of America, 22 - 28 August 2016
- XLII. **Ovine MYADM like repeat gene association with lifetime cumulative ewe production and wool traits**  
ÇINAR M. U., Mousel M., Gonzales M., Reynolds J., Taylor Y., Knowles D., White S.  
35th International Conference on Animal Genetics, 22 - 28 August 2016



- XLIII. Sulforaphane enhances proliferation of porcine satellite cells through suppression of TGF-beta signaling pathway**  
 Looft C., Neuhoff C., Zhang R., ÇINAR M. U., Tesfaye D., Grosse-Brinkhaus C., Tholen E., Schellander K., Uddin M. J., Qin Y.  
 35th International Society for Animal Genetics Conference, Salt Lake City, United States Of America, 22 July - 27 August 2016, pp.41
- XLIV. Appropriate concentration of Hydrogen Peroxide and Sulforaphane for granulosa cells to study oxidative stress in vitro**  
 SOHEL M. H., ÇINAR M. U., Kalibar M., ARSLAN K., SARIÖZKAN S., AKYÜZ B., KONCA Y.  
 European Biotechnology Conference, Latvia, 5 - 07 May 2016, vol.231
- XLV. Lipopolysaccharide-induced gene expression of CD14 in TRIF pathway is epigenetically regulated by sulforaphane in porcine pulmonary alveolar macrophages.**  
 ÇINAR M. U.  
 35th International Society for Animal Genetics Conference, Salt Lake City, United States Of America, 22 - 28 July 2016, pp.41-42
- XLVI. Polymorphisms of NELL1 and RNCK1 in relation to porcine growth, carcass and meat quality traits.**  
 ÇINAR M. U.  
 35th International Society for Animal Genetics Conference, Salt Lake City, United States Of America, 22 - 28 July 2016, pp.55-56
- XLVII. The Ovar-DRB1 \*0404 haplotype is associated with growth and lifetime prolificacy ewe traits.**  
 ÇINAR M. U., White S., Mousel M.  
 35th International Society for Animal Genetics Conference, Salt Lake City, United States Of America, 23 - 27 July 2016, pp.143-144
- XLVIII. Investigation on Tuberculosis Disease and TLR1 (+1380 G/A) and TLR1 (+1446 C/A) Genotypes in Turkish Native Crossbred Cattle**  
 AKYÜZ B., İLGAR E. G., ARSLAN K., GÜMÜŞSOY K. S., ÖZDEMİR F., ÇINAR M. U.  
 3rd International VETİSTANBUL Group Congress 2016, Saray Bosna, Bosnia And Herzegovina, 17 - 20 May 2016, pp.52
- XLIX. Inverstigation on Tuberculosis disease and TLR1 1380 G A and TLR1 1446 C A genotypes in Turkish Native Crossbred Cattle**  
 AKYÜZ B., İLGAR E. G., ARSLAN K., GÜMÜŞSOY K. S., ÖZDEMİR F., ÇINAR M. U.  
 3rd International Vetistanbul Group Congress, 17 - 20 May 2016
- L. Lipopolysaccharide-induced expression of CD14 is epigenetically regulated by sulforaphane in pulmonary alveolar macrophages of German Landrace Pigs**  
 ÇINAR M. U., Neuhoff C., Grosse-Brinkhaus C., Tesfaye D., Tholen E., Schellander K., Uddin M. J., Zhang R., Qin Y., Looft C., et al.  
 Vortragstagung der Deutsche Gesellschaft für Züchtungskunde und GfT, Berlin, Germany, 16 - 17 September 2015
- LI. Maternal Beslemenin Koyunlarda Genetik ve Epigenetik Etkileri Üzerine Bir İnceleme**  
 ÇINAR M. U., KONCA Y., KALİBER M., BÜYÜKKILIÇ BEYZİ S., Yüksel T., Öner Y.  
 9. Ulusal Zootekni Kongresi, Konya, Turkey, 3 - 05 September 2015, vol.1, no.1, pp.100
- LII. Extracellular miRNA: A new era of miRNA research**  
 SOHEL M. M. H., KONCA Y., ÇINAR M. U.  
 9. Ulusal Zootekni Kongresi, Konya, Turkey, 3 - 05 September 2015, vol.1, no.1, pp.100
- LIII. Impact of Livestock Genomics on Food Security and Sustainability**  
 ÇINAR M. U., AKYÜZ B.  
 TÜBA-AASSA Regional Workshop on Sustainable Management of Food Security, İstanbul, Turkey, 9 - 10 April 2015, pp.13
- LIV. INpact of Lİvestock Genomics on Food Security and Sustainability**  
 ÇINAR M. U., AKYÜZ B.  
 Regional Workshop on Sustainable Management of Food Security, Turkey, 9 - 10 April 2015
- LV. SULFORAPHANE EPIGENETICALLY REGULATES THE LPS-INDUCED KINETICS OF INNATE IMMUNE**

## RESPONSE IN PORCINE MONOCYTE-DERIVED DENDRITIC CELLS

ÇINAR M. U.

The 2014 Innate Immunity Summit, London, United Kingdom, 10 - 12 November 2014, pp.1

- LVI. **Polymorphisms and expression analysis of SOX-6 in relation to porcine growth, carcass and meat quality traits**  
Zhang R., Neuhoff C., Uddin M. J., Tesfaye D., ÇINAR M. U., Looft C., Grosse-Brinkhaus C., Tholen E., Schellander K.  
DGfZ-Jahrestagung und DGfZ/GfT-Gemeinschaftstagung, Dummerstorf, Germany, 17 - 18 September 2014, pp.1
- LVII. **Sulforaphane inhibits CD14 gene expression in LPS stimulated alveolar macrophages of German Landrace pigs**  
Qin Y., Looft C., Neuhoff C., Grosse-Brinkhaus C., Tesfaye D., Fan H., ÇINAR M. U., Schellander K., Uddin M. J., Zhang R., et al.  
DGfZ-Jahrestagung und DGfZ/GfT-Gemeinschaftstagung, Dummerstorf, Germany, 17 - 18 September 2014, pp.1
- LVIII. **Investigation on Milk Composition Traits and Growth Performance in Holstein Cows and Their Association With Some Genetic Markers**  
METİN KIYICI J., AKYÜZ B., ARSLAN K., KALİBER M., İLGAR E. G., ÇINAR M. U.  
Uluslararası Katılımlı Süt Sığırcılığı Sempozyumu, Kayseri, Turkey, 24 - 26 April 2014, vol.1, no.1, pp.20
- LIX. **Türkiye ve AB'de arıcılık faaliyetlerinin karşılaştırılmalı analizi**  
Çağlayan A., ÇINAR M. U., Şahin Y.  
10. Ulusal Zootekni Kongresi, Kayseri, Turkey, 23 April 2014, pp.97
- LX. **The Effect of Protein Abundance in Porcine Skeletal Muscle on the Expression of Water Holding Capacity**  
Neuhoff C., ÇINAR M. U., Tholen E., Looft C., Tesfaye D., Schellander K., Grosse-Brinkhaus C.  
The Plant and Animal Genome XXII Conference, United States Of America, 1 - 04 January 2014, pp.601
- LXI. **Sayılarla Yahyalı (Kayseri) İlçesindeki Hayvancılık Faaliyetleri**  
KALİBER M., KONCA Y., METİN KIYICI J., YILMAZ ADKINSON A., ÇINAR M. U.  
I. Ulusal Yahyalı Sempozyumu, Kayseri, Turkey, 1 - 04 December 2013, pp.1
- LXII. **Effect of  $\omega$ -linolenic acid on goat oocyte developmental competence and expression of apoptotic-related genes in subsequent blastocysts.**  
ÇINAR M. U., Mohammadi-Sangcheshmeh A., Veshkini A., Schellander K., Hölker M.  
29th Scientific Meeting A.E.T.E., İstanbul, Turkey, 6 - 07 September 2013, pp.214
- LXIII. **Sub-clinical endometritis induced changes on miRNA expression profile in bovine endometrium**  
ÇINAR M. U., Looft C., Hailemariam D., Tesfaye D., Schellander K., Hölker M., Ibrahim S.  
DGfZ/GfT-Gemeinschaftstagung, Göttingen, Germany, 4 - 05 September 2013, pp.1
- LXIV. **RNA-Seq Analyse von porcinen dendritischen Zellen nach experimenteller Infektion mit PRRSV**  
ÇINAR M. U., Looft C., Grosse-Brinkhaus C., Tesfaye D., Tholen E., Schellander K., Uddin M. J.  
DGfZ/GfT-Gemeinschaftstagung, Göttingen, Germany, 4 - 05 September 2013, pp.1
- LXV. **Epigenetic regulation of Smad7 in porcine satellite cell.**  
ÇINAR M. U., Looft C., Tesfaye D., Fan H., Schellander K., Uddin M. J., Zhang R.  
DGfZ/GfT-Gemeinschaftstagung, Göttingen, Germany, 4 - 05 September 2013, pp.1
- LXVI. **Comparison of the porcine monocytederived dendritic cells and splenic dendritic cells immune responses to lipopolysaccharide stimulation**  
ÇINAR M. U.  
DGfZ/GfT-Gemeinschaftstagung, Göttingen, Germany, 4 - 05 September 2013, pp.1
- LXVII. **Hayvan Beslemede Makro Besin Maddelerinin DNA ve mRNA Üzerine Etkileri**  
KONCA Y., ÇINAR M. U., BÜYÜKKILIÇ BEYZİ S.  
.8. Ulusal Zootekni Kongresi, Çanakkale, Turkey, 1 - 04 September 2013
- LXVIII. **Kinetics cytokine mRNA and protein secretion by porcine alveolar macrophages in response to lipopolysaccharide**  
ÇINAR M. U., Looft C., Tesfaye D., Schellander K., Islam M. A., Uddin M. J.  
10th International Veterinary Immunology Symposium, Milan, Italy, 28 August - 01 September 2013, pp.91
- LXIX. **Genomic analysis of water holding capacity of meat in a porcine resource population**

ÇINAR M. U., Zimmer A., Becker A., Looft C., Grosse-Brinkhaus C., Tesfaye D., Tholen E., Heidt H., Schellander K., Sahadevan S.

64 th Annual Meeting of the European Federation of Animal Science, France, 1 - 04 August 2013, pp.323

- LXX. **In vivo Inflammation of porcine lung induced by Gram-negative and Gram-positive bacterial components**  
Islam M. A., Uddin M. J., Looft C., Tesfaye D., ÇINAR M. U., Schellander K., Tholen E., Tholen E., Tholen E., Tholen E., et al.  
10th International Conference on Innate Immunity, Greece, 1 - 04 July 2013, pp.1
- LXXI. **Transcriptomics of maternal feeding in livestock**  
ÇINAR M. U., KONCA Y.  
European Biotechnology Congress, Bratislava, Slovakia, 16 - 18 May 2013, vol.24
- LXXII. **Çiftlik hayvanlarında et kalitesindeki ilerleme için 'omics' teknolojilerinin uygulanması**  
Şahin Y., BÜYÜKKILIÇ S., Gülünç A., Nurcan A. İ., Uzunyol A., ÇINAR M. U.  
9.ULUSAL ZOOTEKİNİ ÖĞRENCİ KONGRESİ, Erzurum, Turkey, 1 - 04 May 2013, pp.404
- LXXIII. **An evaluation tool for the sustainability of pig farming systems**  
ÇINAR M. U., Bonneau M. B.  
French annual meeting of the scientific and technical actors of the swine network, France, 1 - 04 February 2013, pp.1
- LXXIV. **211 in vitro culture conditions affect gene expression pattern of bovine blastocyst in a stage-specific manner**  
ÇINAR M. U.  
Annual Conference of the International Embryo Transfer Society, Germany, 1 - 04 December 2012, pp.254
- LXXV. **Nutrigenomics tools in animal feeding**  
KONCA Y., Cinar M. U., Oner Y., BUYUKKILIC S.  
Eurobiotech Agriculture Symposium, Kayseri, Turkey, 12 - 14 April 2012, vol.161, pp.6
- LXXVI. **Application of molecular markers in livestock improvement**  
ÇINAR M. U., KONCA Y., BÜYÜKKILIÇ BEYZİ S.  
International Animal Science Congress of Turkish and Relatives Communities, Isparta, Türkiye, 11 - 13 September 2012, vol.1, pp.137-138
- LXXVII. **Exosomal and Ago2 protein complex mediated circulatory microRNAs in follicular fluid: Implication for bovine oocyte developmental competence**  
ÇINAR M. U.  
Vortragstagung der Deutschen Gesellschaft für Züchtungskunde e.V. (DGfZ) und der Gesellschaft für Tierzuchtwissenschaften e.V. (GfT), Germany, 1 - 04 September 2012
- LXXVIII. **Application of Molecular Markesr in Livestock Improvement**  
ÇINAR M. U., KONCA Y., BÜYÜKKILIÇ S.  
International Animal Science Congress of Turkish and Relatives Communities, Turkey, 1 - 04 September 2012, pp.137-138
- LXXIX. **Quantitative und molekulargenetische Analyse von Geburtsgewicht und Aufzuchtmerkmalen in einer Duroc × Piétrain Kreuzungspopulation**  
ÇINAR M. U.  
Vortragstagung der Deutschen Gesellschaft für Züchtungskunde e.V. (DGfZ) und der Gesellschaft für Tierzuchtwissenschaften e.V. (GfT), Germany, 1 - 04 September 2012
- LXXX. **Comparison of kinetics cytokine mRNA expression and corresponding protein secretion by porcine alveolar macrophages in response to lipopolysaccharide**  
ÇINAR M. U.  
Vortragstagung der Deutschen Gesellschaft für Züchtungskunde e.V. (DGfZ) und der Gesellschaft für Tierzuchtwissenschaften e.V. (GfT), Germany, 1 - 04 September 2012
- LXXXI. **RNA deep sequencing analysis for divergent androstenone levels in Duroc × F2 boars**  
ÇINAR M. U.  
Vortragstagung der Deutschen Gesellschaft für Züchtungskunde e.V. (DGfZ) und der Gesellschaft für

- Tierzuchtwissenschaften e.V. (GfT), Germany, 1 - 04 September 2012
- LXXXII. **Histone deacetylase inhibitor sulforaphane causes a major epigenetic repression of myostatin in porcine satellite cells**  
ÇINAR M. U.  
Vortragstagung der Deutschen Gesellschaft für Züchtungskunde e.V. (DGfZ) und der Gesellschaft für Tierzuchtwissenschaften e.V. (GfT), Germany, 1 - 04 September 2012
- LXXXIII. **Analysis of gene co-expression modules related to divergent androstenone levels in porcine**  
ÇINAR M. U.  
Vortragstagung der Deutschen Gesellschaft für Züchtungskunde e.V. (DGfZ) und der Gesellschaft für Tierzuchtwissenschaften e.V. (GfT), Germany, 1 - 04 September 2012
- LXXXIV. **Expression analysis of Nrf2 mediated oxidative stress response and lipid metabolism genes in early stages of bovine embryo development**  
ÇINAR M. U.  
DGfZ-Jahrestagung und DGfZ-/GfT- Vortragstagung, Germany, 1 - 04 September 2012
- LXXXV. **Global gene expression analysis of liver for androstenone and skatole production in the young boars using microarray**  
ÇINAR M. U.  
63rd EAAP Meeting, Slovakia, 1 - 04 August 2012, pp.1
- LXXXVI. **Transcriptome analysis of testis and liver for androstenone by using RNA sequencing**  
ÇINAR M. U.  
63rd EAAP Meeting, Slovakia, 1 - 04 August 2012, pp.1
- LXXXVII. **Proteome analysis of skeletal muscle in high and low drip loss Duroc × Pietrain F2 pigs**  
ÇINAR M. U.  
33rd Conference of the International Society of Animal Genetics, Australia, 1 - 04 July 2012, pp.1
- LXXXVIII. **Using RNA-Seq for transcriptome profiling in liver of boar with divergent skatole levels**  
ÇINAR M. U.  
33rd Conference of the International Society of Animal Genetics, Australia, 1 - 04 July 2012, pp.1
- LXXXIX. **Transcriptome profile of bovine blastocysts derived from alternative in vivo and in vitro culture conditions at specific phases of early embryonic development**  
ÇINAR M. U.  
Annual Conference of the International Embryo Transfer Society, United States Of America, 1 - 04 January 2012, pp.179
- XC. **Weighted co-expression network analysis applied to meat quality and carcass composition traits**  
ÇINAR M. U.  
4th International Symposium on Animal Functional Genomics, Ireland, 1 - 04 October 2011, pp.1
- 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**

## **osteocondrosis 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.  
Vortragstagung der Deutschen Gesellschaft für Züchtungskunde e.V. (DGfZ) und der Gesellschaft für Tierzuchtwissenschaften e.V. (GfT), Germany, 1 - 04 September 2007, pp.1
- 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**

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 Buzağlarında Maternal Pasif Bağışıklıkta Rol Oynayan Genetik Faktörlerin GWAS-QTL Yöntemi ile Araştırılması, 2024 - Continues

METİN KIYICI J., ÇINAR M. U., SEVİŞOĞLU B., Project Supported by Higher Education Institutions, ACTN3 (ALFA-ACTİNİN-3) GENİNİN KÜLTÜR İRKI ET SİĞİRLARINDA BESİ PERFORMANSINA ETKİSİNİN ARAŞTIRILMASI, 2023 - Continues

AKYÜZ B., Atık 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

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 İle Sütten Kesime Kadarki Kuzu Canlı Ağırlık Artışı Arasındaki İlişkinin Araştırılması, 2022 - 2025

ÇINAR M. U., ABDIAZIZ NUR İBRAHİM A. N. İ., 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

Çınar M. U., Özdemir M., Yalçın Z. S., Kızılaslan M., Arzik Y., TUBITAK Project, Kuluçkada Dezenfeksiyon Amaçlı Formaldehit Uygulamasının Yumurtacı Tavuk Embriyolarında Global Dna Metilasyonuna Etkisinin Araştırılması, 2023 - 2024

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) İle Araştırılması, 2022 - 2024

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 - 2024

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 - 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

AKYÜZ B., ÇINAR M. U., ARSLAN K., BAYRAM D., SOHEL M. M. H., AKSEL E. G., ÖZDEMİR F., Project Supported by Higher Education Institutions, Akkaraman Irkı Kuzularda Büyüme Özellikleri Üzerine Etkili Kantitatif Özellik Lokuslarının Tüm Genom İlişki Analizi İle Araştırılması, 2018 - 2021

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

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

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

BAYRAM D., AKYÜZ B., ARSLAN K., ÇINAR M. U., İLGAR E. G., ÖZDEMİR F., Project Supported by Higher Education Institutions, Türkiye Yerli Koyun Irklarından Akkaraman Irkında Canlı Ağırlık Artışı Üzerine Etkili Üç Aday Gen Yönünden Genetik Karakterizasyonları ve Genotip-Fenotip İlişkilerinin Araştırılması, 2016 - 2018

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

AKYÜZ B., ÇINAR M. U., ARSLAN K., İLGAR E. G., Project Supported by Higher Education Institutions, Türkiye'de Yetiştirilen Yerli Sığırlar ve Melezlerinde TLR 1, TLR 4, TLR 9, BoIFNG ve SLC11A1 Gen Polimorfizmleri ile Brucella ve Tuberküloz Hastalıkları Arasındaki İlişkinin Araştırılması, 2014 - 2018

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

ÇINAR M. U., Other International Funding Programs, Molecular genetic analysis of boar taint, 2010 - 2012

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

ÇINAR M. U., TUBITAK Project, Yumurta ağırlığı ve özgül ağırlığın cıkis özelliklerine etkisi, 1999 - 2001

## 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  
TURKISH JOURNAL OF VETERINARY AND ANIMAL SCIENCES, Editor, 2014 - 2014  
TURKISH JOURNAL OF VETERINARY AND ANIMAL SCIENCES, Editor, 2013 - 2014  
TURKISH JOURNAL OF VETERINARY AND ANIMAL SCIENCES, Editor, 2013 - 2014  
TURKISH JOURNAL OF VETERINARY AND ANIMAL SCIENCES, Editor, 2013 - 2013

## 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

## Peer Reviews in Scientific Publications

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: 252  
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

## **Invited Talks**

Visiting Professor, Seminar, Bogor Agricultural University, Indonesia, July 2024

## **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**

Çınar M. U., Ziraat Mühendisleri Odası Bilim Ödülü, Tmmob Ziraat Mühendisleri Odası, January 2025

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 Mühendesleri 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, Assistant Scientist