

Assoc. Prof. YASİN KAHYA



Personal Information

Email: ykahya@ankara.edu.tr

Web: <https://avesis.ankara.edu.tr/ykahya>

International Researcher IDs

ScholarID: 34LK9ikAAAAJ

ORCID: 0000-0003-2521-0218

Publons / Web Of Science ResearcherID: JAN-6404-2023

ScopusID: 37083408000

Yoksis Researcher ID: 189328



Education Information

Undergraduate, Anadolu University, Faculty Of Business Administration, Department Of Business, Turkey 2016 - 2020

Doctorate, Ankara University, Biyoteknoloji Enstitüsü, Temel Biyoteknoloji (Dr), Turkey 2008 - 2017

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Zootekni (YI) (Tezli), Turkey 2003 - 2007

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Vocational Training, Çiftlik Hayvanları için Damızlık Değer Tahmin Kursu, Zootekni Federasyonu, 2021

Dissertations

Doctorate, Ana arı (*Apis mellifera* L.)'xxnın yumurta kanallarından sperm torbasına sperm göçü sürecinde sperm rekabetinin pirosekanslama tekniği ile analizi, Ankara University, Biyoteknoloji Enstitüsü, Temel Biyoteknoloji (Dr), 2017

Postgraduate, Ana arılarda (*Apis mellifera* L.) farklı dönem canlı ağırlıkları ve üreme özellikleri, Ankara University, Fen Bilimleri Enstitüsü, Zootekni (YI) (Tezli), 2006

Research Areas

Zootekni and Animal Nutrition

Academic Titles / Tasks

Assistant Professor, Ankara University, Ziraat Fakültesi, Zootečni Bölümü, 2021 - Continues
Research Assistant PhD, Ankara University, Ziraat Fakültesi, Zootečni Bölümü, 2017 - 2021
Research Assistant, Ankara University, Ziraat Fakültesi, Zootečni Bölümü, 2007 - 2017

Courses

Hayvancılıkta Biyogüvenlik, Undergraduate, 2022 - 2023
Zooteknide Kariyer Planlama ve Girişimcilik, Undergraduate, 2023 - 2024, 2022 - 2023
Animal Ecology, Undergraduate, 2023 - 2024
Hayvan Yetiştirme ve Besleme, Undergraduate, 2022 - 2023
Çiftlik Hayvanları Genomiği, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Graduation Thesis, Undergraduate, 2023 - 2024
Arı Yetiştirme, Undergraduate, 2022 - 2023
Bal Arısı Genetiği ve Islahı, Doctorate, 2022 - 2023
Animal Ecology, Undergraduate, 2022 - 2023, 2021 - 2022
Hayvancılıkta Biyoteknoloji, Undergraduate, 2021 - 2022
Hayvan Yetiştirme ve Besleme, Undergraduate, 2021 - 2022
Mesleki Yaşama Uyum, Undergraduate, 2021 - 2022
Hayvancılıkta Biyogüvenlik, Undergraduate, 2021 - 2022

Jury Memberships

Doctorate, Doctorate, Ankara Üniversitesi, September, 2023
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, March, 2022
Post Graduate, Post Graduate, Ankara Üniversitesi, February, 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Reproductive quality in drones bred from Caucasian (*A. m. caucasica*) and Italian (*A. m. ligustica*) honey bee colonies**
Kahya Y., Gencer H. V.
APIDOLOGIE, vol.54, no.1, pp.1-14, 2023 (SCI-Expanded)
- II. **HRM ANALYSIS OF SPERMATHECAL CONTENTS TO DETERMINE THE ORIGIN OF DRONES THAT INSEMINATED HONEY BEE QUEENS**
KAHYA Y.
JOURNAL OF APICULTURAL SCIENCE, vol.64, no.2, pp.241-249, 2020 (SCI-Expanded)
- III. **Sperm competition in honey bees (*Apis mellifera* L.): the role of body size dimorphism in drones**
GENCER H. V., KAHYA Y.
APIDOLOGIE, vol.51, no.1, pp.1-17, 2020 (SCI-Expanded)
- IV. **Why the viability of spermatozoa diminishes in the honeybee (*Apis mellifera*) within short time during natural mating and preparation for instrumental insemination**
GENCER H. V., KAHYA Y., Woyke J.
APIDOLOGIE, vol.45, no.6, pp.757-770, 2014 (SCI-Expanded)
- V. **Are sperm traits of drones (*Apis mellifera* L.) from laying worker colonies noteworthy?**
GENCER H. V., KAHYA Y.
JOURNAL OF APICULTURAL RESEARCH, vol.50, no.2, pp.130-137, 2011 (SCI-Expanded)
- VI. **The viability of sperm in lateral oviducts and spermathecae of instrumentally inseminated and**

naturally mated honey bee (*Apis mellifera* L.) queens

GENCER H. V., KAHYA Y.

JOURNAL OF APICULTURAL RESEARCH, vol.50, no.3, pp.190-194, 2011 (SCI-Expanded)

VII. Weight at emergence of honey bee (*Apis mellifera caucasica*) queens and its effect on live weights at the pre and post mating periods

KAHYA Y., GENCER H. V., Woyke J.

JOURNAL OF APICULTURAL RESEARCH, vol.47, no.2, pp.118-125, 2008 (SCI-Expanded)

Articles Published in Other Journals

I. Temporal variation in the viability of spermatozoa in the spermathecae of queen honey bees (*Apis mellifera* L.).

Kahya Y., Gencer H. V.

TURKISH JOURNAL OF AGRICULTURE: FOOD SCIENCE AND TECHNOLOGY, vol.10, no.2, pp.319-322, 2022 (Peer-Reviewed Journal)

II. The effect of semen dilution on the number of spermatozoa entering the spermatheca of the queen honey bee (*Apis mellifera* L.).

Gencer H. V., Kahya Y.

TURKISH JOURNAL OF AGRICULTURE: FOOD SCIENCE AND TECHNOLOGY, vol.10, no.2, pp.330-333, 2022 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Effects of Different Finishing Feeds on Live Weight, Morphological and Carcass Traits in Male Quail Fattening

KARADAŞ H., UÇAR A., KAHYA Y.

13. Ulusal Zootekni Bilim Kongresi, Ankara, Turkey, 26 October 2023, pp.117-118

II. Whole Genome Sequencing of Honey Bee Ecotypes in the Breeder Queen Bee Farms

KAHYA Y., DOĞANTZIS K. A., GENCER H. V., Zayed A.

13. Ulusal Zootekni Bilim Kongresi, Ankara, Turkey, 26 - 28 October 2023, pp.46-47

III. The Effect of Using Drawn Combs on Colony Weight Gain and Honey Yield

Demir S., Gencer H. V., Kahya Y.

VI. International Anatolian Agriculture, Food, Environment and Biology Congress, Kütahya, Turkey, 7 - 10 October 2022, pp.528

IV. The Future of the Livestock Sector in the Central Anatolia Region in the Context of Climate Change in Türkiye

DELLAL G., KONCAGÜL S., PEHLİVAN E., TOPRAK N. N., ÖZLÜ S., KAHYA Y., UÇAR A., ŞEN A. Ö., ŞENOK A.

8TH INTERNATIONAL AGRICULTURE CONGRESS, Ankara, Turkey, 26 October 2022

V. Morphometric Analysis of Colonies Used As Breeder in Queen Rearing Stations

Kayaboynu Ü., Gencer H. V., Kahya Y., Günbey B., Duman M.

CUKUROVA 8th INTERNATIONAL SCIENTIFIC RESEARCHES CONFERENCE, Adana, Turkey, 15 April 2022 - 17 April 2023, pp.411-412

VI. The variation in the morphological characters of honey bee queens (*Apis mellifera* L.) depending on the weight at the emergence

Kızıltepe B., GENCER H. V., KAHYA Y.

5th International Congress on Agriculture, Environment and Health, Turkey, 17 - 19 February 2022

VII. The Microsatellite DNA Variation in the Honey Bee (*Apis mellifera* L.) Stocks of Breeder Farms in Turkey

KAHYA Y., GENCER H. V., ENGİN E. D.

2 nd International Congress of the Turkish Journal of Agriculture - Food Science and Technology, Turkey, 25 - 29 November 2021

- VIII. **The Effect of Semen Dilution on the Number of Spermatazoa Entering the Spermatheca of the Queen Honey Bee (*Apis mellifera* L.)**
KAHYA Y., GENCER H. V.
2 nd International Congress of the Turkish Journal of Agriculture - Food Science and Technology, Turkey, 25 - 29 November 2021
- IX. **The Viability of Spermatozoa in the Spermathecae of the Honey Bee Queens (*Apis mellifera* L.) at Different Ages**
KAHYA Y., GENCER H. V.
The 3rd International and 12th National Animal Science Conference, Turkey, 27 - 28 November 2021
- X. **Systems Biology Approach in Animal Science**
KAHYA Y.
The 3rd International and 12th National Animal Science Conference, Turkey, 27 - 29 November 2021
- XI. **Racial Differences in Reproductive Traits Of Honey Bee (*Apis Mellifera* L.) Drones**
Kahya Y., Gencer H. V.
4th International Congress on Agriculture, Environment and Health, Aydın, Turkey, 20 - 22 May 2022, pp.149
- XII. **Arıcılık sektöründe mevcut durum kısıtlar ve fırsatlar**
KARACAOĞLU M., GENCER H. V., UÇAK KOÇ A., KAHYA Y.
TMMOB Ziraat Mühendisleri Odası, Türkiye Ziraat Mühendisliği IX. Teknik Kongresi, Ankara, Turkey, 13 - 17 January 2020, pp.159-174
- XIII. **Sperm competition during sperm storage process in honey bee (*Apis mellifera* L.) queens**
KAHYA Y., GENCER H. V., ZAYED A.
156th Annual General Meeting of the Entomological Society of Ontario, 1 - 03 November 2019
- XIV. **Racial discrimination of breeder queens reared in breeder queen rearing stations by morphometry**
GENCER H. V., KAHYA Y., DEMİR S.
Sixth International Muğla Beekeeping and Pine Honey Congress, 15 - 19 October 2018
- XV. **Morphometric analysis of honey bee (*Apis mellifera* L.) colonies in breeder queen rearing stations in Turkey**
KAHYA Y., GENCER H. V., KARACAOĞLU M., UÇAK KOÇ A., ERKAN C., KIZILTEPE B., DEMİR S.
Sixth International Muğla Beekeeping and Pine Honey Congress, 15 - 19 October 2018
- XVI. **Sperm competition in honey bees (*Apis mellifera* L.): the role of body size dimorphism in drones**
GENCER H. V., KAHYA Y.
Sixth International Muğla Beekeeping and Pine Honey Congress, 15 - 19 October 2018
- XVII. **Bal Arısı (*Apis mellifera* L.) Populasyonlarına Yabancı Gen Akışımın Belirlenmesinde Yeni Bir Yaklaşım**
KAHYA Y., GENCER H. V., ENGİN E. D., ÖZKUL A.
6. Ulusal Moleküler Biyoloji Ve Biyoteknoloji Kongresi, Turkey, 5 - 07 October 2017
- XVIII. **The analysis of sperm competition during sperm storage process in honeybee (*Apis mellifera* L.) queens by pyrosequencing technique,**
KAHYA Y., GENCER H. V.
45th Apimondia International Apicultural Congress, İstanbul, Turkey, 29 September - 04 October 2017
- XIX. **The use of standard and geometric morphometry for discrimination of the honeybee queens from two (*A. m. caucasica* and *A. m. ligustica*) subspecies**
GENCER H. V., KAHYA Y., Kızıltepe M. B., Demir S.
45th Apimondia International Apicultural Congress, 29 September - 04 October 2017
- XX. **The behaviour of honeybee colonies during cleaning and restoring extracted honeycombs**
GENCER H. V., KAHYA Y., Kızıltepe M. B., Demir S.
45th Apimondia International Apicultural Congress, 29 September - 04 October 2017
- XXI. **The analysis of the honey extraction of the harvested honeycombs**
GENCER H. V., KAHYA Y., Kızıltepe M. B., Demir S.

45th Apimondia International Apicultural Congress, 29 September - 04 October 2017

- XXII. **The viability loss of spermatozoa in drones during eversion of endophallus**
GENCER H. V., KAHYA Y., WOYKE J.
Sixth European Conference of Apidology, Murcia, Spain, 9 - 11 September 2014, pp.195-196
- XXIII. **Dlaczego ywotno nasienia zmniejsza si w czasie naturalnego i sztucznego unasiwienia matek pszczelich Why the viability of sperms in honey bee drones and queens diminishes within short time during natural and instrumental insemination**
WOYKE J., GENCER H. V., KAHYA Y.
51 Naukowa Konferencja Pszczelarska, SZCSZYRK, Poland, 11 - 13 March 2014, pp.34
- XXIV. **Kastamonu İli Abana İlçesi arıcılığının analizi**
BAŞAR C., KAHYA Y., GENCER H. V.
9. Ulusal Zootekni Öğrenci Kongresi, Erzurum, Turkey, 23 - 25 May 2013, pp.124-130
- XXV. **Do the number and viability of sperm in drone honey bees depend on drone age**
HAMEDNIA S., GENCER H. V., KAHYA Y.
Third International Mugla Beekeeping and Pine Honey Congress, Muğla, Turkey, 1 - 04 November 2012, pp.347
- XXVI. **The age dependent variation of reproductive organs of honeybee drones**
GENCER H. V., HAMEDNIA S., KAHYA Y.
Fifth European Conference of Apidology, Halle, Germany, 3 - 07 September 2012, pp.192
- XXVII. **The effect of drone type on sperm competition in honeybees Apis mellifera**
GENCER H. V., KAHYA Y.
Fifth European Conference of Apidology, Halle, Germany, 3 - 07 September 2012, pp.192
- XXVIII. **The viability of sperm in reproductive organs of instrumentally inseminated and naturally mated honey bee queens**
GENCER H. V., KAHYA Y.
Fourth European Conference of Apidology, Ankara, Turkey, 7 - 09 September 2010, pp.150
- XXIX. **Differences in sperm traits of drones from queenright and laying worker colonies**
GENCER H. V., KAHYA Y.
Fourth European Conference of Apidology, Ankara, Turkey, 7 - 09 September 2010, pp.149
- XXX. **The honey bee queen A m caucasica weight at emergence and its effect on live weights at pre and post mating periods**
KAHYA Y., GENCER H. V.
Bees under the Midnight Sun IBRA International Conference on Recent Trends in Apicultural Science, Mikkeli, Finland, 10 - 14 June 2007, pp.134
- XXXI. **The weight changes and reproductive traits of honey bee queens A m caucasica**
KAHYA Y., GENCER H. V.
Second European Conference of Apidology, PRAG, Czech Republic, 10 - 14 September 2006, pp.56

Supported Projects

Gencer H. V., KAHYA Y., TAGEM Tarımsal Arařtırmalar ve Politikalar Genel M¼d¼rl¼ğ¼ Projesi, Ana Arı Kalitesinin ve Mevsimin Ana Arı Çiftleşme Frekansına Etkisi, 2023 - 2024

Kahya Y., TAGEM Tarımsal Arařtırmalar ve Politikalar Genel M¼d¼rl¼ğ¼ Projesi, Ana Arı Üretim İşletmelerinde Kullanılan Damızlık Kolonilerin Morfometrik Analizi, 2019 - 2020

Seyhan T. G., Kahya Y., Gencer H. V., Engin E. D., TAGEM Tarımsal Arařtırmalar ve Politikalar Genel M¼d¼rl¼ğ¼ Projesi, Kısa Mesafe Kablosuz Ağ ve GSM Tabanlı Bal Arısı (Apis mellifera L.) Kolonisi Takip Sistemi, 2016 - 2020

Kahya Y., Gencer H. V., TAGEM Tarımsal Arařtırmalar ve Politikalar Genel M¼d¼rl¼ğ¼ Projesi, Ana Arı Üretim İşletmelerinde Kullanılan Damızlık Kolonilerinin Mikrosatellit DNA Çeşitliğinin Belirlenmesi, 2016 - 2020

Kahya Y., Gencer H. V., TAGEM Tarımsal Arařtırmalar ve Politikalar Genel M¼d¼rl¼ğ¼ Projesi, Damızlık Ana Arı Üretim İşletmelerinde Morfometrik ve Mikrosatellit DNA Varyasyonunu Belirleme ve Damızlık İşletmeleri İzleme Sistemi Oluřturma, 2015 - 2019

Kahya Y., Engin E. D., Gencer H. V., TUBITAK Project, Balarısı Zehir Bileşeni Melittinin Rekombinant Üretimi, 2016 - 2017
TUBITAK Project, Bal Arısı (Apis mellifera L.) Ana Arılarında Sperm Depolama İşleminin Real-Time PCR İle Analizi, 2012 - 2013
TUBITAK Project, Yalancı Ana Arılı Koloni ve Normal Koloni Erkek Arılarının (Apis mellifera L.) Sperm Rekabeti, 2009 - 2010
Kahya Y., Project Supported by Higher Education Institutions, Normal ve Yalancı Ana Arılı Koloni Erkek Arılarının (Apis mellifera L.) Sperm Özellikleri, 2009 - 2010
Kahya Y., TUBITAK Project, Bal Arısı (Apis mellifera L.) Ana Arılarının Çiftleşme Uçuşu ve Yumurtlamaya Başlaması Üzerine Juvenil Hormon (JH) Uygulamasının Etkisi, 2007 - 2008

Memberships / Tasks in Scientific Organizations

Ankara Zootekni Derneği, Member, 2016 - Continues, Turkey

Scientific Refereeing

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ankara University, Turkey, June 2022
TURKISH JOURNAL OF AGRICULTURE: FOOD SCIENCE AND TECHNOLOGY, Other Indexed Journal, April 2022
TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Ankara University, Turkey, February 2022

Tasks In Event Organizations

Toprak N. N., UÇAR A., KAHYA Y., v.Türkiye Kaz Yetiştiriciliği Çalıştayı ve Kaz Günü Etkinliği, Workshop Organization, Ankara, Turkey, Aralık 2022
Kahya Y., 6. ULUSLARARASI MUĞLA ARICILIK VE ÇAM BALI KONGRESİ, Scientific Congress, Muğla, Turkey, Ekim 2018

Metrics

Publication: 44
Citation (WoS): 89
Citation (Scopus): 100
H-Index (WoS): 5
H-Index (Scopus): 5

Congress and Symposium Activities

The 3rd International and 12th National Animal Science Conference, Attendee, Bursa, Turkey, 2021
2 nd International Congress of the Turkish Journal of Agriculture - Food Science and Technology, Attendee, Kayseri, Turkey, 2021
156th Annual General Meeting of the Entomological Society of Ontario, Attendee, Toronto, Canada, 2019
Sixth International Muğla Beekeeping and Pine Honey Congress, Attendee, Muğla, Turkey, 2019
6. Ulusal Moleküler Biyoloji Ve Biyoteknoloji Kongresi, Attendee, Adana, Turkey, 2017
45th Apimondia International Apicultural Congress, Attendee, İstanbul, Turkey, 2017
Third International Mugla Beekeeping and Pine Honey Congress, Attendee, Muğla, Turkey, 2012
Fifth European Conference of Apidology, Attendee, Halle, Germany, 2012

Scholarships

Population Genomics of Native Honey Bees of Turkey, TUBITAK, 2019 - 2020