

Asst. Prof. NAFİYE KOÇ İNAK

Personal Information

Office Phone: [+90 312 317 0315](tel:+903123170315) Extension: 4348

Email: nafiyekoc@ankara.edu.tr

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

International Researcher IDs

ORCID: 0000-0003-2944-9402

Yoksis Researcher ID: 185481

Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Parazitoloji (Dr) (Veteriner), Turkey 2014 - 2019

Undergraduate, Ankara University, Veteriner Fakültesi, Veteriner Pr., Turkey 2007 - 2012

Research Areas

Veterinary Parasitology

Academic Titles / Tasks

Research Assistant, Ankara University, Veteriner Fakültesi, Klinik Öncesi Bilimler Bölümü, 2014 - Continues

Courses

Bal Arısı hastalıkları ve zararlıları, Undergraduate, 2022 - 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Geographical distribution of pyrethroid resistance mutations in Varroa destructor across Türkiye and a European overview**
Erdem E., Koç İnak N., Rüstemoglu M., İnak E.
EXPERIMENTAL & APPLIED ACAROLOGY, vol.92, pp.1-13, 2024 (SCI-Expanded)
- II. **Screening of avian pathogens and genetic analysis of several mitochondrial genes in Dermanyssus gallinae populations in Türkiye**
Koç-İnak N., Demirci B., Özbaş-Becerikli soy G., Kandemir B., Nalbantoglu S., AKAN M.
Systematic and Applied Acarology, vol.29, no.1, pp.143-152, 2024 (SCI-Expanded)
- III. **Microbiome comparison of Dermanyssus gallinae populations from different farm rearing systems and the presence of common endosymbiotic bacteria at developmental stages**
KOÇ N., Nalbantoglu S.
PARASITOLOGY RESEARCH, vol.122, no.1, pp.227-235, 2023 (SCI-Expanded)
- IV. **Biochemical and molecular mechanisms of acaricide resistance in Dermanyssus gallinae populations from Turkey**

- KOÇ N., İNAK E., Nalbantoglu S., Alpkent Y. N., Dermauw W., Van Leeuwen T.
PESTICIDE BIOCHEMISTRY AND PHYSIOLOGY, vol.180, 2022 (SCI-Expanded)
- V. **Efficiency of ivermectin solution against Hirstiellosis in green iguanas- case report**
SEVİM K., GAZYAĞCI S., KOÇ N., KARA E.
ANKARA UNIVERSITESI VETERINER FAKULTESI DERGİSİ, vol.69, no.4, pp.441-444, 2022 (SCI-Expanded)
- VI. **Evaluation of in-house factors affecting the population distribution of *Dermanyssus gallinae* in cage and backyard rearing systems by using a modified monitoring method**
KOÇ N., Nalbantoglu S.
EXPERIMENTAL AND APPLIED ACAROLOGY, vol.84, no.3, pp.529-541, 2021 (SCI-Expanded)
- VII. **Genetic analysis and screening of pyrethroid resistance mutations in *Varroa destructor* populations from Turkey**
KOÇ N., İNAK E., Jonckheere W., Van Leeuwen T.
EXPERIMENTAL AND APPLIED ACAROLOGY, vol.84, no.2, pp.433-444, 2021 (SCI-Expanded)
- VIII. **Molecular Characterization of Tick-Borne Blood Protozoa in Stray Dogs from Central Anatolia Region of Turkey with a High-Rate Hepatozoon Infection**
ORKUN Ö., KOÇ N., Sursal N., ÇAKMAK A., Nalbantoglu S., Karaer Z.
KAFKAS UNIVERSITESI VETERINER FAKULTESİ DERGİSİ, vol.24, no.2, pp.227-232, 2018 (SCI-Expanded)
- IX. **Plant Essential Oils Used Against Some Bee Diseases**
TUTUN H., KOÇ N., KART A.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.6, no.1, pp.34-45, 2018 (SCI-Expanded)

Articles Published in Other Journals

- I. **Molecular survey of endosymbiotic bacteria in the honeybee ectoparasite *Varroa destructor* in Türkiye**
Koç İnak N.
Veteriner Hekimler Derneği Dergisi, vol.95, no.1, pp.37-45, 2024 (Peer-Reviewed Journal)
- II. **Molecular Characterization of *Dermanyssus gallinae* in Türkiye Based on 16S and 18S rDNA**
Koç İnak N.
TURKISH JOURNAL OF AGRICULTURE: FOOD SCIENCE AND TECHNOLOGY, vol.11, no.12, pp.2411-2416, 2023 (Peer-Reviewed Journal)
- III. **Entübe Hastada *Phormia regina* (Meigen) (Diptera: Calliphoridae) Nedenli Nadir Bir Oral Miyazis Olgusu A Rare Case of Oral Myiasis Caused by *Phormia regina* (Meigen) (Diptera: Calliphoridae) in an Intubated Patient**
Ünalan Altintop T., Koç N., Çetik S., Nalbantoğlu S., Akyön Y., Ergüven S.
Turkiye parazitolojii dergisi, vol.46, no.1, pp.75-77, 2022 (Scopus)
- IV. **In vitro efficacy and field effectiveness of silica-based acaricide against *Dermanyssus gallinae***
KOÇ N., NALBANTOĞLU A. S.
TÜRK HİJİYEN VE DENYESEL BIYOLOJİ DERGİSİ. TURKISH BULLETIN OF HYGIENE AND EXPERIMENTAL BIOLOGY, vol.79, no.4, pp.616-621, 2022 (Scopus)
- V. **A Seasonal Perspective of Nosemosis; the Presence of *Nosema* spp. in Honeybee Colonies During Summer Months in Ankara, Turkey**
Alperen A. M., SEVİN S., KOÇ N.
Bee studies, vol.13, no.2, pp.39-42, 2021 (Peer-Reviewed Journal)
- VI. **Oral Squamöz Hücreli Karsinom Zemininde Gelişen Miyaz Olgusu Gingival Myiasis on Oral Squamous Cell Carcinoma in Turkey: A Case Report**
Yücesan B., Babür C., KOÇ N., Kılıç S.
Turkiye parazitolojii dergisi, vol.45, no.2, pp.160-163, 2021 (Scopus)
- VII. **Evaluation of relation with pet food and first record of *Necrobia rufipes* (De Geer, 1775) (Coleoptera: Cleridae) associated with pet clinic in Turkey**

- KOÇ N., arslanbaş m., Tiftikçioğlu C., ÇAKMAK A., NALBANTOĞLU A. S.
 Veteriner Hekimler Derneği Dergisi, vol.91, no.1, pp.44-48, 2020 (Peer-Reviewed Journal)
- VIII. **Investigation of Anti-Toxoplasma gondii Antibodies in Cats Using Sabin-Feldman Dye Test in Ankara in 2016**
 Yücesan B., Babür C., KOÇ N., Sezen F., Kılıç S., Gürüz Y.
 Türkiye parazitolojii dergisi, vol.43, no.1, pp.5-9, 2019 (Scopus)
- IX. **Ankara yöresindeki kedilerde 2016 yılında Sabin-Feldman Dye Testi (SFDT) ile Anti-Toxoplasma gondii antikorlarının araştırılması.**
 YÜCESAN B., BABÜR C., KOÇ N., SEZEN F., KILIÇ S., GÜRÜZ A. Y.
 TÜRKİYE PARAZITOLOJİ DERGİSİ / TÜRKİYE PARAZITOLOJİ DERNEĞİ = ACTA PARASITOLOGICA TURCICA / TURKISH SOCIETY FOR PARASITOLOGY, vol.43, no.1, pp.5-9, 2019 (Scopus)
- X. **Plant Essential Oils Used Against Some Bee Diseases**
 Tutun H., Koç N., Kart A.
 TURKISH JOURNAL OF AGRICULTURE: FOOD SCIENCE AND TECHNOLOGY, vol.6, no.1, pp.34-45, 2018 (Peer-Reviewed Journal)
- XI. **Dermanyssus gallinae kaynaklı kanibalizm**
 Koç N., Yücesan B., Nalbantoğlu A. S.
 MAE Vet Fak Deg, vol.2, no.2, pp.147-151, 2017 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Yumurta Tavuklarında Dermanyssus gallinae Enfestasyonu ve Yumurta Verimine Etkisi**
 Koç N., Nalbantoğlu A. S.
 in: Yumurta : Beslenme ve Sağlık, Suzan YALÇIN, Editor, Türkiye Klinikleri, Ankara, pp.134-138, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **Current situation of Dermanyssus gallinae and control methods in Ankara, Turkey**
 KOÇ N., NALBANTOĞLU A. S.
 4th International Symposium on Parasite Infections in Poultry, Viyana, Austria, 28 - 29 June 2019
- II. **A CASE OF ORAL MYIASIS WITH PHORMIA REGINA LARVAE**
 ÜNALAN E. T., KOÇ N., çetik s., NALBANTOĞLU A. S., akyon y., erguvan s.
 10. Balkan Mikrobiyoloji Kongresi (Microbiologia Balkanica'2017), Sofya, Bulgaria, 16 - 18 November 2017
- III. **First record of Necrobia rufipes (De Geer, 1775) associated with pet clinic in Turkey.**
 KOÇ N., ÇAKMAK A., NALBANTOĞLU A. S.
 2nd International Congress on Advances in Veterinary Sciences Technics (ICAVST), üsküp, Macedonia, 4 - 08 October 2017
- IV. **Sarcoptic scabies in a rabbit: Clinical findings, diagnosis and treatment**
 KURTDEDE A., KOÇ N., KARA E., NALBANTOĞLU A. S.
 II International Congress on Advences in Veterinary Sciences and Technics, Skopje, Macedonia, 4 - 13 October 2017, pp.14
- V. **Papağanlarda Dermanyssus gallinae kaynaklı kanibalizm.**
 KOÇ N., yücesan b., NALBANTOĞLU A. S.
 Uluslararası katılımlı 20. Parazitoloji Kongresi, Eskişehir, Turkey, 25 - 29 September 2017
- VI. **Dermanyssus gallinae kaynaklı kannibalizm**
 KOÇ N., YÜCESAN B., NALBANTOĞLU A. S.
 Uluslararası katılımlı 20. Ulusal Parazitoloji Kongresi, Eskişehir, Turkey, 25 - 29 September 2017
- VII. **Acarine Hypopi Sarcoptiformes Acaridae on Alphitobius diaperinus Coleoptera Tenebrionidae larvae from broiler litter in Turkey**

- Tiftikçioğlu C., KOÇ N., ÇAKMAK A., KARAER K. Z., NALBANTOĞLU A. S.
1st International Conference on Advance in Veterinary Sciences and Technics (ICAVST), Saraybosna, Bosnia And Herzegovina, 25 - 29 August 2016
- VIII. **The case of Nyctotherus sp in Chamaeleo calyptratus in Turkey**
KOÇ N., ÇAKMAK A., NALBANTOĞLU A. S.
1st International Conference on Advance in Veterinary Sciences and Technics (ICAVST), saraybosna, Bosnia And Herzegovina, 25 - 29 August 2016
- IX. **Ankara İli Gölbaşı ilçesindeli Barınak Köpeklerinde Babesia canis Seroprevalansının Belirlenmesi**
KOÇ N., Sürsal N., ORKUN Ö., ÇAKMAK A., NALBANTOĞLU A. S., KARAER K. Z.
19. Ulusal Parazitoloji Kongresi, Erzurum, Turkey, 5 - 09 October 2015, pp.160
- X. **Ankara İli Gölbaşı İlçesindeki Köpeklerde Neospora caninum'un Seroprevalansının Belirlenmesi**
Sürsal N., KOÇ N., ORKUN Ö., ÇAKMAK A., NALBANTOĞLU A. S., KARAER K. Z.
19. Ulusal Parazitoloji Kongresi ve Uluslararası Katılımlı Ekinokokkozis Sempozyumu, Erzurum, Turkey, 5 - 09 October 2015, pp.160-161
- XI. **Ankara İli Gölbaşı İlçesindeki Barınak Köpeklerinde Babesia canis Seroprevalansının Belirlenmesi**
KOÇ N., Sürsal N., ORKUN Ö., ÇAKMAK A., NALBANTOĞLU A. S., KARAER K. Z.
19. Ulusal Parazitoloji Kongresi ve Uluslararası Katılımlı Ekinokokkozis Sempozyumu, Erzurum, Turkey, 5 September - 09 October 2015, pp.160
- XII. **Bir İnekte Sol Ventrikular Fibroelastozis**
ŞAHAL M., KUTLU T., RADGOHAR A., VURAL S., ORKUN Ö., KOÇ N., NALBANTOĞLU A. S.
11. Veteriner İç Hastalıkları Kongresi, 21 - 24 May 2015

Memberships / Tasks in Scientific Organizations

Türkiye Parazitoloji Derneği, Member, 2020 - Continues, Turkey

Scientific Refereeing

- JOURNAL OF APICULTURAL RESEARCH, SCI Journal, September 2022
TURKISH JOURNAL OF AGRICULTURE: FOOD SCIENCE AND TECHNOLOGY, National Scientific Refreed Journal, August 2022
ANKARA UNIVERSITESI VETERINER FAKULTESI DERGİSİ, SCI Journal, February 2022

Metrics

- Publication: 36
Citation (WoS): 17
Citation (Scopus): 25
H-Index (WoS): 3
H-Index (Scopus): 4

Congress and Symposium Activities

- ANADOLU 11th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Attendee, Diyarbakır, Turkey, 2022
4. INTERNATIONAL SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, Attendee, İstanbul, Turkey, 2022

Artistic Activity

KOÇ N., Introduction to Molecular Phylogenetics, February 2017