

## Assoc. Prof. NAFİYE KOÇ İNAK

### Personal Information

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### International Researcher IDs

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### 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., Rüstemoğlu 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., Demircl B., Özbakiş-Beceriklsoy 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 UNIVERSİTESİ VETERİNER FAKULTESİ 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 ACAROLGY, 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 ACAROLGY, 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 UNIVERSİTESİ VETERİNER 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**  
Ünalın Altıntop T., Koç N., Çetik S., Nalbantoğlu S., Akyön Y., Ergüven S.  
Türkiye 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.  
TURK HIJYEN VE DENEYSEL 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.  
Türkiye 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 PARAZİTOLOJİ DERGİSİ / TÜRKİYE PARAZİTOLOJİ 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., ÇETİK S., NALBANTOĞLU A. S., AKYON Y., ERGÜVEN S.

10. Balkan Mikrobiyoloji Kongresi (Microbiologia Balkanica'2017), Sofya, Bulgaria, 16 - 18 November 2017

III. **First record of Necrobium 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 Advances 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 kanibalizm**

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**

Tiftikçiođlu C., KOÇ N., ÇAKMAK A., KARAER K. Z., NALBANTOĐLU 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., NALBANTOĐLU A. S.

1st International Conference on Advance in Veterinary Sciences and Technics (ICAVST), saraybosna, Bosnia And Herzegovina, 25 - 29 August 2016

IX. **Ankara ili Gölbaşı ilçesindeki Barınak Köpeklerinde *Babesia canis* Seroprevalansının Belirlenmesi**

KOÇ N., Sürsal N., ORKUN Ö., ÇAKMAK A., NALBANTOĐLU 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., NALBANTOĐLU 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., NALBANTOĐLU 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., NALBANTOĐLU A. S.

11. Veteriner İç Hastalıkları Kongresi, 21 - 24 May 2015

## Memberships / Tasks in Scientific Organizations

Türkiye Parazitoloji Derneđi, 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 DERGISI, SCI Journal, February 2022

## Metrics

Publication: 36

Citation (WoS): 20

Citation (Scopus): 51

H-Index (WoS): 4

H-Index (Scopus): 5

## 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