

# Prof. İSMAİL ALPER SUSURLUK

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: AAG-7131-2021

ScopusID: 11439641200

Yoksis Researcher ID: 156587

## Education Information

Doctorate, Christian-Albrechts-Universitaet zu Kiel, Agrarwissenschaft, Biocontrol and Biotechnology, Germany 2001 - 2005

Postgraduate, Ankara University, Ziraat Fakültesi, Bitki Koruma Bölümü, Turkey 1994 - 1997

Undergraduate, Ankara University, Ziraat Fakültesi, Bitki Koruma Bölümü, Turkey 1990 - 1994

## Foreign Languages

English, C1 Advanced

German, C1 Advanced

## Certificates, Courses and Trainings

Vocational Training, Bitki Paraziti Nematodların Teşhisi, Wageningen Üniversitesi , 2005

## Dissertations

Doctorate, Establishment and persistence of the entomopathogenic nematodes, *Steinernema feltiae* and *Heterorhabditis bacteriophora*, Christian-Albrechts-Universitaet zu Kiel, 2005

Postgraduate, Eskişehir ili ve çevresinde şeker pancarı ekim alanlarında *Heterodera schachtii* Schmitd, 1871'in yayılışı üzerine araştırmalar., Ankara University, Fen Bilimleri Enstitüsü, 1997

## Research Areas

Agricultural Sciences, Agriculture, Plant Protection, Entomology, Insect Control, Nematology

## Academic Titles / Tasks

Professor, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, BİTKİ KORUMA, 2015 - Continues

Associate Professor, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, BİTKİ KORUMA, 2010 - 2015  
Assistant Professor, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, BİTKİ KORUMA, 2008 - 2010  
Lecturer, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, BİTKİ KORUMA, 2007 - 2008  
Researcher, Christian-Albrechts-Universitaet zu Kiel, Phytopathologie, 2001 - 2005  
Research Assistant, Ankara University, Ziraat Fakültesi, Bitki Koruma Bölümü, 1995 - 2001

## Academic and Administrative Experience

Head of Unit Accreditation Board, Bursa Uludağ University, Ziraat Fakültesi, Bitki Koruma, 2024 - Continues  
Head of Department, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, BİTKİ KORUMA, 2020 - Continues  
Head of Department, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, BİTKİ KORUMA, 2010 - Continues  
Erasmus Program Department Coordinator, Bursa Uludağ University, Ziraat Fakültesi, Bitki Koruma, 2008 - Continues  
Assistant Director of the Institute, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, FEN BİLİMLERİ ENSTİTÜSÜ, 2010 - 2016  
Enstitü Yönetim Kurulu Üyesi, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, FEN BİLİMLERİ ENSTİTÜSÜ, 2010 - 2016

## Courses

Entomopatojen Nematodlar, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019  
Bitki Koruma, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015  
Seminer, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021  
Doktora Uzmanlık Alan Dersi II, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017  
Popülasyon Takibi, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019  
Biyolojik Mücadelede Kullanılan Omurgasızlar, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017  
Mezuniyet Projesi II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020  
Yüksek Lisans Uzmanlık Alan Dersi II, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018  
BİTKİ KORUMADA GİRİŞİMCİLİK VE YENİLİKÇİ TEKNOLOJİLER, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021  
Böcek Paraziti Nematodlar, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019  
Entomology, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018  
Tarımsal Nematoloji, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015  
Genel Nematoloji, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013  
Entomolojide İleri Biyolojik Mücadele, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019  
Park ve Süs Bitkileri Zararlıları , Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013  
Zirai Karantina Zararlıları, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021  
Yüksek Lisans Uzmanlık Alan Dersi, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017  
Depolanmış ürün Zararlıları, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Mesleki Uygulama, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019  
Doktora Uzmanlık Alan Dersi , Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 -  
2019, 2017 - 2018, 2016 - 2017  
Mezuniyet Projesi I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021  
Entomolojide Zararlı Simptomları , Postgraduate, 2023 - 2024, 2022 - 2023  
Tarla Bitkileri Zararlıları, Undergraduate, 2022 - 2023, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 -  
2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013  
Tarla Bitkileri Hastalık ve Zararlıları, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

## Advising Theses

Susurluk İ. A., ENTOMOPATOJEN NEMATOD Heterorhabditis bacteriophora HBH HİBRİT İRKNİN KONUKÇU ARAMA DAVRANIŞI YÜKSEK BİREYLERİNİN ELDE EDİLMESİ VE BUNLARIN BAZI BİYOLOJİK FARKLILIKLARININ ARAŞTIRILMASI, Postgraduate, A.KAAN(Student), 2024  
Susurluk İ. A., Toprağa uygulanan bazı insektisit, herbisit ve fungusitlerin entomopatojen nematod, heterorhabditis bacteriophora HBH hibrit ırkının yönelim ve yayılımına etkileri, Postgraduate, M.USTA(Student), 2024  
, Susurluk İ. A., TİCARİ OLARAK KULLANILAN ENTOMOPATOJEN NEMATOD (Heterorhabditis bacteriophora, Steinernema carpocapsae, Steinernema feltiae) İZOLATLARININ DEPOLAMA ÖMÜRLERİNİN BELİRLENMESİ VE DEPOLAMA SÜRESİ SONUNDAKİ ETKİNLİK VE ÜREME KAPASİTELERİNİN ARAŞTIRILMASI, Postgraduate, E.DEDE(Student), 2024  
, Susurluk İ. A., Heterorhabditis bacteriophora HBH hibrit ırkının in vivo ve in vitro üretim sonrası toprağa uygulanan bazı pestisitlere karşı dayanıklılıklarının araştırılması, Postgraduate, E.EZGİ(Student), 2023  
, Susurluk İ. A., Entomopatojen nematod heterorhabditis bacteriophora HBH hibrit ırkının in vivo ve in vitro üretim sonrası konukçu arama davranışlarının araştırılması, Postgraduate, A.DOĞAN(Student), 2023  
, Susurluk İ. A., İzmir ili park ve bahçe alanlarında bulunan bitki paraziti nematod türleri üzerine taksonomik araştırmalar, Doctorate, Y.KONGU(Student), 2022  
, Susurluk İ. A., Entomopatojen nematod Heterorhabditis bacteriophora HBH hibrit ırkının In vivo ve In vitro üretim sonrası toprakta kalıcılık ve depolanma süresi farklılıklarının araştırılması, Postgraduate, Ş.HÜMEYRA(Student), 2022  
, Susurluk İ. A., Entomopatojen nematod Heterorhabditis bacteriophora HBH hibrit ırkının in vivo ve in vitro üretim sonrası üreme potansiyeli ve etkinlik farklılıklarının araştırılması, Postgraduate, G.ÖZBUDAK(Student), 2021  
, Susurluk İ. A., Kocaeli ilinde fındık üretimi yapan çiftçiler ile fındıkta kullanılan pestisitler hakkında bilinç düzeyinin araştırılması, Postgraduate, T.UZUN(Student), 2021  
, Susurluk İ. A., Entomopatojen nematod Heterorhabditis bacteriophora HBH hibrit ırkının in vivo ve in vitro üretim sonrası yüksek sıcaklığa ve kuraklığa tolerans farklılıklarının araştırılması, Postgraduate, E.ÖZGE(Student), 2021  
SUSURLUK İ. A., A new application method of hybrid entomopathogenic nematode strain Heterorhabditis bacteriophora HBH in control of some insect pests, Postgraduate, A.Bouhari(Student), 2020  
SUSURLUK İ. A., Investigations on comparison of grass plant foraging behaviour of hybrid entomopathogenic nematode Heterorhabditis bacteriophora strain (hbh) and their parents, Postgraduate, S.Yıldırım(Student), 2019  
SUSURLUK İ. A., Investigation of the effects of some agricultural fertilizers on entomopathogenic nematodes, Postgraduate, Y.Selim(Student), 2019  
Susurluk İ. A., Cinkılıç N., Bursa ili Uludağ Üniversitesi Görükle yerleşkesine ait kriminal entomofaunanın belirlenmesi, Postgraduate, E.ECEM(Student), 2019  
SUSURLUK İ. A., Optimization of in vitro solid culture of heterorhabditis bacteriophora HBH hybrid strain, Doctorate, T.Can(Student), 2018  
SUSURLUK İ. A., In vitro solid culture production of heterorhabditis bacteriophora investigation of the effect canola oil, glucose and sodium chloride, Postgraduate, G.ÇELİK(Student), 2018  
SUSURLUK İ. A., Investigations on formulation of hybrid strain and its parent of entomopathogenic nematode, heterorhabditis bacteriophora, Postgraduate, B.SADIÇ(Student), 2017  
SUSURLUK İ. A., Research on the effects of acetamiprid, imidacloprid and spinosad on some entomopathogenic nematodes, Postgraduate, V.KWIZERA(Student), 2017

SUSURLUK İ. A., Investigations on comparison of host seeking behavior of hybrid entomopathogenic nematode Heterorhabditis bacteriophora strains with their parents, Postgraduate, İ.YETİŞKİN(Student), 2016  
SUSURLUK İ. A., Investigations on comparing of effectiveness of hybridized entomopathogenic nematode heterorhabditis bacteriophora strains and their parents, Postgraduate, Y.KONGU(Student), 2012  
SUSURLUK İ. A., Heat and desiccation tolerances of entomopathogenic nematode, Heterorhabditis bacteriophora isolates identified from Turkey and comparison of their efficacies, Postgraduate, T.CAN(Student), 2012

## Jury Memberships

Associate Professor Exam, Associate Professor Exam, Bursa Uludağ Üniversitesi, March, 2024  
Associate Professor Exam, Associate Professor Exam, Bursa Uludağ Üniversitesi, October, 2023  
Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Bursa Uludağ Üniversitesi, May, 2023  
Academic Staff Examination, Academic Staff Examination, Bursa Uludağ Üniversitesi, March, 2023  
Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Çanakkale Onsekiz Mart Üniversitesi, August, 2022  
Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Bursa Uludağ Üniversitesi, May, 2022  
Associate Professor Exam, Associate Professor Exam, Bursa Uludağ Üniversitesi, March, 2022

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

- I. **Is there any relationship between the effectiveness of some Heterorhabditis bacteriophora isolates on the host and their average penetration rate?**  
Susurluk H., Bütüner A. K., Ergene E., Yaraşır O. N., Susurluk İ. A.  
JOURNAL OF STORED PRODUCTS RESEARCH, vol.108, pp.1-6, 2024 (SCI-Expanded)
- II. **Genetic diversity of Steinernema feltiae Filipjev, 1934 (Rhabditida: Steinernematidae) and Heterorhabditis bacteriophora Poinar, 1976 (Rhabditida: Heterorhabditidae) in potato production areas of Türkiye**  
Yüksel E., Gümüş Askar A., Susurluk İ. A., Bozbuğa R., Dinçer D., İmren M.  
TURKIYE ENTOMOLOJİ DERGİSİ, vol.48, no.2, pp.229-238, 2024 (SCI-Expanded)
- III. **Impact of some entomopathogenic nematode isolates on the mortality and penetration rate of Rhyzopertha dominica and Tenebrio molitor**  
Bütüner A. K., Ergene E., İlktan M., Sepin S., Susurluk H., Susurluk İ. A.  
CROP PROTECTION, vol.179, 2024 (SCI-Expanded)
- IV. **The role of drought in the efficacy of some entomopathogenic nematodes**  
Susurluk A., Bütüner A. K.  
TURKIYE ENTOMOLOJİ DERGİSİ, vol.48, no.1, pp.103-110, 2024 (SCI-Expanded)
- V. **Physiological reactions of some entomopathogenic nematodes to long-term storage**  
Bütüner A. K., Susurluk İ. A.  
TURKIYE ENTOMOLOJİ DERGİSİ, vol.48, no.3, pp.261-269, 2024 (SCI-Expanded)
- VI. **In vitro liquid culture production and post-production pathogenicity of the hybrid Heterorhabditis bacteriophora HBH strain**  
ULU T. C., SUSURLUK İ. A.  
CROP PROTECTION, vol.175, 2024 (SCI-Expanded)
- VII. **Precision application of the entomopathogenic nematode Heterorhabditis bacteriophora as a biological control agent through the Nemabot**  
Erdoğan H., Ünal H., Susurluk İ. A., Lewis E. E.  
Crop Protection, vol.174, 2023 (SCI-Expanded)

- VIII. **Effects of storage temperature on viability and virulence of entomopathogenic nematodes***Heterorhabditis bacteriophora* Poinar, 1976 (Rhabditida: Heterorhabditidae), *Steinernema carpocapsae* Weiser, 1955 and *Steinernema feltiae* Filipjev, 1934 (Rhabditida: Steinernematidae)  
Butuner A. K., Ilktan M., SUSURLUK İ. A.  
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.47, no.3, pp.247-257, 2023 (SCI-Expanded)
- IX. **Efficiency of temperature and storage duration on some morphological measurements and reproductive capacity of the entomopathogenic nematode***Heterorhabditis bacteriophora* Poinar, 1976 (Rhabditida: Heterorhabditidae)'s Turkish HBH hybrid strain  
Butuner A. K., Susurluk A.  
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.47, pp.469-476, 2023 (SCI-Expanded)
- X. **Biocontrol potential of***Heterorhabditis bacteriophora* Poinar, 1976 (Rhabditida: Heterorhabditidae) HBH hybrid strain against the beet webworm,*Loxostege sticticalis* L., 1761 (Lepidoptera: Pyralidae)  
Dede E., Butuner A. K., SUSURLUK İ. A.  
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.46, no.4, pp.399-405, 2022 (SCI-Expanded)
- XI. **Effects of insecticides and synergistic chemicals on the efficacy of the entomopathogenic nematode***Steinernema feltiae* (Rhabditida: Steinernematidae) against *Leptinotarsa decemlineata* (Coleoptera: Chrysomelidae)  
Ozdemir E., İnak E., Evlice E., Yüksel E., Delialioğlu R. A., Susurluk İ. A.  
CROP PROTECTION, vol.144, 2021 (SCI-Expanded)
- XII. **Comparison of hermaphrodites of hybrid***Heterorhabditis bacteriophora* Poinar, 1976 (Rhabditida: Heterorhabditidae) HBH strain and its parents on reproduction capacity  
Ulu T. C., Ozbudak G., Duzenli E. O., Cakir S. H., SUSURLUK İ. A.  
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.45, no.2, pp.175-181, 2021 (SCI-Expanded)
- XIII. **Optimization of in vitro solid culture of***Heterorhabditis bacteriophora* Poinar, 1976 (Rhabditida: Heterorhabditidae) HBH hybrid strain  
Ulu T. C., SUSURLUK İ. A.  
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.45, no.4, pp.441-449, 2021 (SCI-Expanded)
- XIV. **First Record of the Entomopathogenic Nematode***Steinernema litorale* (Filipjev) (Rhabditida: Steinernematidae) and Its Symbiotic Bacterium from Turkey, and Its Efficacy Capability  
Ozdemir E., BAYRAM Ş., SUSURLUK İ. A.  
INSECTS, vol.11, no.3, 2020 (SCI-Expanded)
- XV. **Control potentials of some entomopathogenic nematodes against Asian chestnut gall wasp,***Dryocosmus kuriphilus* Yasumatsu, 1951 (Hymenoptera: Cynipidae)  
Şahin Y. S., GENÇER N. S., SUSURLUK İ. A.  
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.44, no.4, pp.529-537, 2020 (SCI-Expanded)
- XVI. **Orientation of some***Heterorhabditis bacteriophora* (Poinar, 1976) (Rhabditida: Heterorhabditidae) strains to *Lolium perenne* L. (Poales: Poaceae) and *Galleria mellonella* (L., 1758) (Lepidoptera: Pyralidae)  
Yildirim S., Sahin Y. S., SUSURLUK İ. A.  
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.43, no.4, pp.409-416, 2019 (SCI-Expanded)
- XVII. **New application method for entomopathogenic nematode***Heterorhabditis bacteriophora* (Poinar, 1976) (Rhabditida: Heterorhabditidae) HBH strain against *Locusta migratoria* (Linnaeus, 1758) (Orthoptera: Acrididae)

- ŞAHİN Y. S., Bouhari A., Ulu T. C., Sadic B., SUSURLUK İ. A.  
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.42, no.4, pp.305-312, 2018 (SCI-Expanded)
- XVIII. **Evaluation of the effects of some insecticides based on neonicotinoids on entomopathogenic nematodes, *Steinernema feltiae* and *S. carpocapsae***  
Kwizera V., Susurluk İ. A.  
ISJ-INVERTEBRATE SURVIVAL JOURNAL, vol.14, pp.375-378, 2017 (SCI-Expanded)
- XIX. **Effects of different pesticides on virulence and mortality of some entomopathogenic nematodes**  
Ulu T. C., Sadic B., Susurluk İ. A.  
ISJ-INVERTEBRATE SURVIVAL JOURNAL, vol.13, pp.111-115, 2016 (SCI-Expanded)
- XX. **Virulence comparisons of high-temperature-adapted *Heterorhabditis bacteriophora*, *Steinernema feltiae* and *S. carpocapsae***  
Susurluk İ. A., Ulu T. C.  
HELMINTHOLOGIA, vol.52, no.2, pp.118-122, 2015 (SCI-Expanded)
- XXI. **Virulence of four entomopathogenic nematode species for plum sawfly, *Hoplocampa flava* L. (Hymenoptera: Tenthredinidae)**  
Ulu T. C., Sadic B., Susurluk İ. A., Aksit T.  
ISJ-Invertebrate Survival Journal, vol.12, pp.274-277, 2015 (SCI-Expanded)
- XXII. **Comparison of virulence of hybridized entomopathogenic nematode *Heterorhabditis bacteriophora* (Rhabditida: Heterorhabditidae) strains and their parents**  
Kongu Y., SUSURLUK İ. A.  
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.38, no.2, pp.125-134, 2014 (SCI-Expanded)
- XXIII. **Heat and desiccation tolerances of *Heterorhabditis bacteriophora* strains and relationships between their tolerances and some bioecological characteristics**  
Ulu T. C., Susurluk İ. A.  
ISJ-INVERTEBRATE SURVIVAL JOURNAL, vol.11, pp.4-10, 2014 (SCI-Expanded)
- XXIV. **Quality control of in vitro produced *Heterorhabditis bacteriophora* (Rhabditida: Heterorhabditidae) strains isolated from Turkey**  
SUSURLUK İ. A., Kongu Y., Ulu T. C.  
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.37, no.3, pp.283-291, 2013 (SCI-Expanded)
- XXV. **Tolerances of hybridized entomopathogenic nematode *Heterorhabditis bacteriophora* (Rhabditida: Heterorhabditidae) strains to heat and desiccation**  
SUSURLUK İ. A., Ulu T. C., Kongu Y.  
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.37, no.2, pp.221-228, 2013 (SCI-Expanded)
- XXVI. **Control of a new turf pest, *Dorcadion pseudopreissi* (Coleoptera: Cerambycidae), with the entomopathogenic nematode *Heterorhabditis bacteriophora***  
SUSURLUK İ. A., KUMRAL N. A., BİLGİLİ U., Acikgoz E.  
JOURNAL OF PEST SCIENCE, vol.84, no.3, pp.321-326, 2011 (SCI-Expanded)
- XXVII. **Potential of *Steinernema feltiae* (Rhabditida: Steinernematidae) as a biological control agent against the cabbage maggot *Delia radicum* (Diptera: Anthomyiidae) in oilseed rape.**  
SUSURLUK İ. A.  
Turkish Journal Of Agriculture And Forestry, no.35, pp.413-419, 2011 (SCI-Expanded)
- XXVIII. **Seasonal and vertical distribution of the entomopathogenic nematodes *Heterorhabditis bacteriophora* (TUR-H2) and *Steinernema feltiae* (TUR-S3) in turf and fallow areas**  
Susurluk İ. A.  
NEMATOLOGY, vol.11, pp.321-327, 2009 (SCI-Expanded)
- XXIX. **Pathogenicity, reproduction and foraging behaviours of some entomopathogenic nematodes on a new turf pest, *Dorcadion pseudopreissi* (Coleoptera: Cerambycidae)**

- SUSURLUK İ. A., KUMRAL N. A., Peters A., BİLGİLİ U., Acikgoz E.  
BIOCONTROL SCIENCE AND TECHNOLOGY, vol.19, pp.585-594, 2009 (SCI-Expanded)
- XXX. **Native entomopathogenic nematodes (Rhabditida) in four departments of Colombia**  
Liliana Melo M E., Alberto Ortega O C., Susurluk A., Gaigl A., Bellotti A. C.  
REVISTA COLOMBIANA DE ENTOMOLOGIA, vol.35, no.1, pp.28-33, 2009 (SCI-Expanded)
- XXXI. **Potential of the entomopathogenic nematodes *Steinernema feltiae*, *S-weiseri* and *Heterorhabditis bacteriophora* for the biological control of the sugar beet weevil *Bothynoderes punctiventris* (Coleoptera: Curculionidae)**  
Susurluk A.  
JOURNAL OF PEST SCIENCE, vol.81, no.4, pp.221-225, 2008 (SCI-Expanded)
- XXXII. **Field persistence of the entomopathogenic nematode *Heterorhabditis bacteriophora* in different crops**  
Susurluk A., Ehlers R.  
BIOCONTROL, vol.53, no.4, pp.627-641, 2008 (SCI-Expanded)
- XXXIII. **Sustainable control of black vine weevil larvae, *Otiorynchus sulcatus* (Coleoptera : Curculionidae) with *Heterorhabditis bacteriophora* in strawberry**  
Susurluk A., Ehlers R.  
BIOCONTROL SCIENCE AND TECHNOLOGY, vol.18, no.6, pp.635-640, 2008 (SCI-Expanded)
- XXXIV. **Influence of temperature on the vertical movement of the entomopathogenic nematodes *Steinernema feltiae* (TUR-S3) and *Heterorhabditis bacteriophora* (TUR-H2), and infectivity of the moving nematodes**  
SUSURLUK İ. A.  
NEMATOLOGY, vol.10, pp.137-141, 2008 (SCI-Expanded)
- XXXV. **Effects of various agricultural practices on persistence of the inundative applied entomopathogenic nematodes, *Heterorhabditis bacteriophora* and *Steinernema feltiae* in the field**  
Susurluk İ. A.  
RUSSIAN JOURNAL OF NEMATOLOGY, vol.16, no.1, pp.23-32, 2008 (SCI-Expanded)
- XXXVI. **Additional data and first record of the entomopathogenic nematode *Steinernema weiseri* from Turkey**  
Unlu I. O., Ehlers R., Susurluk A.  
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- Pathogenicity of the *Steinernema feltiae* TUR-S3 (Rhabditida: Steinernematidae) Isolate on *Oryzaephilus surinamensis* (Coleoptera: Silvanidae) and *Tribolium confusum* (Coleoptera: Tenebrionidae)**  
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- IV. **ANTIBACTERIAL AND NEMATICIDAL EFFECTS OF BACILLUS THURINGIENSIS STRAINS ON ROOT-KNOT NEMATODE-MELOIDOGYNE INCOGNITA**  
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## **Books & Book Chapters**

I. **Microbial Insecticides: Principles and Applications**

SUSURLUK İ. A.

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## **Refereed Congress / Symposium Publications in Proceedings**

- I. **A Review of Utilizing Entomopathogenic Nematodes for Controlling Storage Pests**  
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- II. **Evaluation on The Impact of Global Warming on Entomopathogenic Nematodes**  
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VI. International Agricultural, Biological and Life Sciences Conference (AGBIOL 2024), Edirne, Turkey, 19 - 22 September 2024, pp.425-430
- III. **BAZI PESTİSİTLERİN HETERORHABDİTİS BACTERİOPHORA HBH HİBRİT İRKİNİN YÖNELİM DAVRANIŞI ÜZERİNE ETKİSİ EFFECT OF SOME PESTICIDES ON THE ORIENTATION BEHAVIOR OF HETERORHABDİTİS BACTERİOPHORA HYBRID HBH STRAIN**

Susurluk İ. A.

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- IV. **Kocaeli İlinde Fındık Üretimi Yapan Çiftçiler İle Fındıkta Kullanılan Pestisitler Hakkında Bilinç Düzeyinin Araştırılması**  
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- XIII. **Entomopatojen Nematod Heterorhanditis bacteriophora nın Bazı Hibrit Irkları ile Ebeveynlerinin Konukçu Arama Davranışlarının Karşılaştırılması Üzerine Araştırmalar**  
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- XIV. **Entomopatojen Nematod Hererorhabditis bacteriophora nın Hibrit Irkı ve Bu Irkın Ebeveynleri Üzerine Formülasyon Çalışmaları**  
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- XVI. **Entomopatojen Nematod Sterinernema Feltiae TUR S3 ün Canlılığı ve Etkinliği Üzerine Bazı İnektisit Fungusit ve Herbisitlerin Etkileri**

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ULU T. C., büşra s., SUSURLUK İ. A., AKŞİT T.  
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- XXII. **Bazı entomopatojen nematod türlerinin Kestane hortumlu böceği *Curculio elephas* (Gyllenhal) (Coleoptera: Curculionidae) 'ın üzerindeki etkinliği ve üreme potansiyeli**  
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- XXV. **More questions than answers: Application and establishment in agroecosystems**  
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- XXVI. **Influence of crop and application time on establishment and persistence of the entomopathogenic nematode *Heterorhabditis bacteriophora*.**  
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- XXVIII. **Latest results on identification of EPN from Europe**  
Susurluk İ. A., Ehlers R.  
COST Management Committee and Working Group Meeting: Natural occurrence and evolution of EPNs, Brno, Czech Republic, 09 May 2005, pp.9-10

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COST- Management Committee and Working Group Meeting: Natural occurrence and evolution of EPNs, , Brno, Czech Republic, 09 May 2005, pp.13-14
- XXX. **Ansiedlung und Persistenz entomopathogener Nematoden im konventionellen und organischen Landbau**  
Susurluk İ. A., Ehlers R.  
54. Deutsche Pflanzenschutztagung, Hamburg, Germany, 08 June 2004, pp.340-341
- XXXI. **Establishment and persistence of EPN in conventional and organic agriculture**  
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International Society for Invertebrate Pathology Annual Meeting, Helsinki, Finland, 10 March 2004, pp.104-105
- XXXII. **Improve application technology to enhance establishment of EPN in strawberries**  
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COST 850 Workshop, 4th WG 4 Meeting: Inundative and Inoculative Release and Persistence of EPN in Forest and Agriculture Environments, Aberdeen, England, 17 February 2004, pp.11-12
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3rd Int. Symposium Entomopathogenic Nematodes and Symbiotic Bacteria, Ohio, United States Of America, 14 October 2003, pp.47-48
- XXXIV. **Molecular identification of entomopathogenic nematodes from Turkey, India, China, Italy, Norway, Albania and Germany by PCR-RFLP**  
Susurluk İ. A., Ehlers R.  
9th European Meeting of the IOBC/WPRS Working Group, Kiel, Germany, 17 June 2003, pp.101-102
- XXXV. **Control results and field persistence obtained with *Heterorhabditis bacteriophora* (nema-green®) used against grubs of the Garden Chafer *Phyllopertha horticola***  
Susurluk İ. A., Ehlers R.  
9th European Meeting of the IOBC/WPRS Working Group, Kiel, Germany, 10 June 2003, pp.20-21
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Susurluk İ. A., Ökten E.  
1st Int. Sugarbeet Techniques Conference , Konya, Turkey, 15 July 1999, pp.124-131
- XXXVII. **Şekerpancarı köklerinde yeni bir zararlı: *Pemphigus betae* Doane**  
Susurluk İ. A.  
Türkiye 3. Entomoloji Kongresi, Ankara, Turkey, 17 September 1996, pp.498-501

## Supported Projects

Susurluk İ. A., Ulu T. C., TUBITAK Project, Bazı Entomopatojen nematodların sıvı kültürde üretimleri sırasında oluşan metabolitlerin bitki savunma mekanizmasının uyarılması ve bitki paraziti nematodların enfeksiyon kapasitesi üzerine etkisi, 2024 - 2027

Ünal H., Susurluk İ. A., Erdoğan H., Ulu T. C., Bütüner A. K., TUBITAK Project, Görüntü İşleme ile Çiçek Tripsi, *Frankliniella occidentalis* (Thripidae:Thysanoptera) Zararının Tespiti ve Mücadelesi için Entomopatojen Nematodların Robotik Sistem ile Uygulanması, 2022 - 2025

Susurluk İ. A., Gözel U., Karaca İ., Ulu T. C., Ateş Ö., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Yerel Entomopatojen Nematodların Pilot Ölçekli Üretimi, 2022 - 2024

Susurluk İ. A., Ulu T. C., TUBITAK Project, Türk Hibrit Entomopatojen Nematod *Heterorhabditis bacteriophora* HbH Irkının In Vitro Sıvı Kültürde Üretim Tekniklerinin Optimizasyonu Ve Üretim Sonrası Kalite Kontrolü., 2020 - 2023

Susurluk İ. A., Project Supported by Higher Education Institutions, Tarımda Kullanılan Bazı Gübrelerin Entomopatojen

Nematodlar Üzerine Olan Etkilerinin Araştırılması, 2017 - 2019

SUSURLUK İ. A., Project Supported by Higher Education Institutions, Entomopatojen nematod Heterorhabditis bacteriophora nın in vitro sıvı kültür üretimindeki parametrelerin optimizasyonu, 2015 - 2017

SUSURLUK İ. A., Project Supported by Higher Education Institutions, Biyolojik mücadelede zararlı böceklere karşı kullanılan entomopatojen nematod Heterorhabditis bacteriophora ırklarının bazı biyo ekolojik özelliklerindeki farklılıklarının sıvı kültür üretimine etkileri ve bu ırkların kalite kontrolü, 2013 - 2015

Susurluk İ. A., TUBITAK Project, Türkiye de tespit edilen entomopatojen nematod Heterorhabditis bacteriophora izolatlarının in vitro ortamda hibritleme ile yüksek sıcaklığa ve su kaybına toleranslı yeni ırklarının elde edilmesi ve bu ırkların biyolojik mücadeledeki etkinliklerinin ve topraktaki kalıcılıklarının araştırılması, 2010 - 2013

Bilgili U., Susurluk İ. A., Project Supported by Higher Education Institutions, Tarımda biyolojik mücadele ajanı olarak kullanılan entomopatojen nematodların in vitro yöntemle kitlesel üretimleri ve bazı toprakaltı zararlılarına karşı kullanımları, 2007 - 2010

## Patent

Susurluk İ. A., Biyolojik aktivitesi yüksek entomopatojen nematod., Patent, CHAPTER A Human Needs, The Invention Registration Number: 2013/06141 , Standard Registration, 2018

## Activities in Scientific Journals

TURKIYE ENTOMOLOJİ DERGİSİ, Editor, 2020 - Continues

TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, Committee Member, 2022 - 2024

First Editor, 2010 - 2020

## Memberships / Tasks in Scientific Organizations

Türkiye Biyolojik Mücadele Derneği, Member, 1997 - Continues, Turkey

Ziraat Mühendisleri Odası, Member, 1995 - Continues, Turkey

Türkiye Entomoloji Derneği, Member, 1994 - Continues, Turkey

## Scientific Refereeing

ULUDAG BEE JOURNAL, SCI Journal, May 2024

BIOLOGICAL CONTROL, SCI Journal, April 2024

INSECTS, SCI Journal, March 2024

Journal of Crop Protection, SCI Journal, February 2024

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Bursa Uludağ University, Turkey, March 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Bursa Uludağ University, Turkey, January 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Bursa Uludağ University, Turkey, October 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Bursa Uludağ University, Turkey, October 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Bursa Uludağ University, Turkey, February 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Bursa Uludağ University, Turkey, January 2022

## Scientific Consultations

TÜBİTAK, Project Consultancy, Bursa Uludağ University, Ziraat Fakültesi, Bitki Koruma, Turkey, 2022 - Continues  
Tübitak, Project Consultancy, Bursa Uludağ University, Ziraat Fakültesi, Bitki Koruma, Turkey, 2023 - 2024  
Bilecik Şeyh Edebali Üniversitesi-BAP, Project Consultancy, Bursa Uludağ University, Ziraat Fakültesi, Bitki Koruma, Turkey, 2021 - 2023  
Tübitak, Project Consultancy, Bursa Uludağ University, Ziraat Fakültesi, Bitki Koruma, Turkey, 2020 - 2023  
TÜBİTAK, Project Consultancy, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, BİTKİ KORUMA, Turkey, 2020 - 2023

## Metrics

Publication: 117  
Citation (WoS): 317  
Citation (Scopus): 333  
H-Index (WoS): 11  
H-Index (Scopus): 12

## Congress and Symposium Activities

1st International Molecular Plant Protection Congress, Invited Speaker, Adana, Turkey, 2019  
1st International Molecular Plant Protection Congress, Invited Speaker, Adana, Turkey, 2019  
Türkiye Entomoloji Kongresi, Attendee, Ankara, Turkey, 1996

## Scholarships

DAAD-Öğretim Üyelerine Yönelik Araştırma Bursu, Other International Organizations, 2009 - 2009  
NATO-A2, TÜBİTAK, 1999 - 1999

## Awards

Susurluk İ. A., Proje Performans Ödülü, Tübitak, June 2018

## Non Academic Experience

Ministry, Tarım ve Orman Bakanlığı, İzmir Zirai Karantina Müdürlüğü