

Lect. PhD DAMLA AMUTKAN MUTLU

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Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Biyoloji (Dr), Turkey 2012 - 2020

Post Graduate, Gazi University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), Turkey 2010 - 2012

Under Graduate, Anadolu University, Fen Fakültesi, Biyoloji Bölümü, Turkey 2004 - 2009

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Other, S2C2 CryoEM Image Processing Workshop (Zoom only Participation), Stanford University, 2020

Other, Journey to the Mysterious World of Life Sciences by Electron Microscopy: See Both the Forest and The Trees, Acıbadem University, 2020

Other, 18. Deneysel Hayvanları Uygulama ve Etik Kursu, Gazi University, 2015

Dissertations

Doctorate, *Isophya Nervosa* Ramme, 1931 (Orthoptera: Tettigoniidae) un Sindirim, Boşaltım, Dişi ve Erkek Üreme Sistemlerinin Ultrastrüktürel Özellikleri, Gazi University, Fen Bilimleri Enstitüsü, Biyoloji (Dr), 2020

Post Graduate, *Graphosoma lineatum* (Linnaeus, 1758) (Heteroptera, Pentatomidae)'xxun sindirim kanalının ultrastrüktürü, Gazi University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), 2012

Research Areas

Natural Sciences

Academic Titles / Tasks

Lecturer, Gazi University, Fen Fakültesi, Biyoloji Bölümü, 2012 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **A look into Colorado potato beetle lipid metabolism through the lens of lipid storage droplet proteins.**
Güney G., Toprak U., Hegedus ., Bayram Ş., Coutu C., Bekkaoui D., Baldwin D., Heckel D. G. , Hänniger S., Cedden D., et al.
Insect Biochemistry And Molecular Biology, vol.1, pp.1-11, 2020 (Journal Indexed in SCI Expanded)
- II. **Histology and ultrastructure of the testis and vas deferens in Pseudochorthippus parallelus parallelus (Orthoptera, Acrididae)**
POLAT I., AMUTKAN MUTLU D., ÜNAL M., Suludere Z.
MICROSCOPY RESEARCH AND TECHNIQUE, vol.82, no.9, pp.1461-1470, 2019 (Journal Indexed in SCI)
- III. **Morphology and Ultrastructure of the Salivary Glands of Piezodorus lituratus (Fabricius, 1794 (Heteroptera: Pentatomidae)**
Amutkan Mutlu D., Özyurt Koçakoğlu N., Polat I., Suludere Z., Candan S.
ACTA ZOOLOGICA BULGARICA, vol.69, pp.193-200, 2017 (Journal Indexed in SCI)
- IV. **Structural and ultrastructural features of the Malpighian tubules of Dolycoris baccarum (Linnaeus 1758), (Heteroptera: Pentatomidae)**
Özyurt Koçakoğlu N., Amutkan Mutlu D., Polat I., Kocamaz T., Candan S., Suludere Z.
MICROSCOPY RESEARCH AND TECHNIQUE, vol.80, pp.357-363, 2017 (Journal Indexed in SCI)
- V. **Fine structure of the Malpighian tubules in Gryllus campestris (Linnaeus, 1758) (Orthoptera, Gryllidae)**
Polat I., Özyurt Koçakoğlu N., Amutkan Mutlu D., Suludere Z., Candan S.
TURKISH JOURNAL OF ZOOLOGY, vol.41, pp.379-389, 2017 (Journal Indexed in SCI)
- VI. **Ultrastructure of Digestive Canal of Graphosoma lineatum (Linnaeus, 1758) (Heteroptera: Pentatomidae)**
AMUTKAN MUTLU D., Suludere Z., CANDAN S.
JOURNAL OF THE ENTOMOLOGICAL RESEARCH SOCIETY, vol.17, pp.75-96, 2015 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Notes on the Gastric Caecum in Ventocoris fischeri (Herrich-Schaffer, 1851) (Heteroptera, Pentatomidae)**
AMUTKAN MUTLU D., POLAT I., GÖZÜPEK H., SULUDERE Z.
Journal of the Heteroptera of Turkey, vol.2, no.2, pp.102-113, 2020 (Refereed Journals of Other Institutions)
- II. **Ultrastructure of the proventriculus in adult Isophya nervosa (Orthoptera: Tettigoniidae)**
AMUTKAN MUTLU D., SULUDERE Z.
Munis Entomology and Zoology Journal, vol.15, no.2, pp.647-654, 2020 (Refereed Journals of Other Institutions)
- III. **Notes on the Gastric Caecum of Centrocoris variegatus Kolenati, 1845 (Heteroptera, Coreidae): Light and Scanning Electron Microscopic Study**
ŞİMŞEK O., AMUTKAN MUTLU D., POLAT I., SULUDERE Z.
Journal of the Heteroptera of Turkey, vol.2, no.1, pp.53-61, 2020 (Refereed Journals of Other Institutions)
- IV. **The spherocrystals in the tubule epithelial cells and ultrastructure of the Malpighian tubules of adult Isophya nervosa (Orthoptera, Tettigoniidae)**
AMUTKAN MUTLU D., SULUDERE Z.
Gazi University Journal of Science, vol.33, no.3, pp.630-644, 2020 (Refereed Journals of Other Institutions)
- V. **A SEM study on aedeagus and spermatheca of Cassida nebulosa Linnaeus, 1758 (Coleoptera: Chrysomelidae: Cassidinae) from Turkey**
Özdikmen H., Bal N., Amutkan Mutlu D., Suludere Z.
Munis Entomology and Zoology Journal, vol.15, no.1, pp.252-261, 2020 (Refereed Journals of Other Institutions)
- VI. **Gross morphology, histology and ultrastructure of the nymphal Ileum of Conocephalus (Xiphidion) fuscus fuscus (Fabricius, 1793) (Orthoptera, Tettigoniidae)**
AMUTKAN MUTLU D., POLAT I., SULUDERE Z.

- European Journal of Biology, vol.79, no.1, pp.7-13, 2020 (Refereed Journals of Other Institutions)
- VII. **Morphology and histology of salivary glands of *Ventocoris fischeri* (Herrich-Schaeffer, 1851) (Heteroptera: Pentatomidae)**
AMUTKAN MUTLU D., POLAT I., GÖZÜPEK H., SULUDERE Z.
Journal of the Heteroptera of Turkey, vol.1, pp.41-51, 2019 (Refereed Journals of Other Institutions)
- VIII. **A SEM study on aedeagus and spermatheca of *Cassida seraphina* Menetries, 1836 (Coleoptera: Chrysomelidae: Cassidinae) from Turkey**
Ataş F., Özdikmen H., Bal N., Amutkan Mutlu D., Suludere Z.
Munis Entomology Zoology, vol.14, no.2, pp.395-411, 2019 (Refereed Journals of Other Institutions)
- IX. **A SEM study on aedeagus and spermatheca of *Cassida hablitziae* Motschulsky, 1838 (Coleoptera: Chrysomelidae: Cassidinae) from Turkey**
Ataş F., Özdikmen H., Bal N., Amutkan Mutlu D., Suludere Z.
Munis Entomology Zoology, vol.14, no.2, pp.519-529, 2019 (Refereed Journals of Other Institutions)
- X. **The morphology and histology of the male reproductive system in *Graphosoma lineatum* Heteroptera Pentatomidae based on optical and scanning electron microscopy**
ÖZYURT N., CANDAN S., SULUDERE Z., AMUTKAN D.
Journal of Entomology and Zoology Studies, vol.1, no.4, pp.40-46, 2013 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **The fine structure of the rectum of nymph *Conocephalus (Xiphidion) fuscus fuscus* (Fabricius, 1793) (Orthoptera, Tettigoniidae)**
AMUTKAN MUTLU D., POLAT I., ÜNAL M., SULUDERE Z.
9th International Scientific Research Congress-Science and Engineering-UBAK, 12 - 13 December 2020
- II. **Morphology and ultrastructure of the malpighian tubules in *Bolua turkiyae* Ünal, 1999 (Orthoptera, Tettigoniidae)**
AMUTKAN MUTLU D., POLAT I., ÜNAL M., SULUDERE Z.
2nd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2020), 7 - 09 October 2020
- III. **Morphological and structural features of the gastric caeca in *Bolua turkiyae* Ünal, 1999 (Orthoptera, Tettigoniidae)**
POLAT I., AMUTKAN MUTLU D.
III. International Ankara Conference of Scientific Research, 2 - 04 October 2020
- IV. **Structure of the Proventriculus in *Poecilimon ataturki* Ünal, 1999 (Orthoptera, Tettigoniidae)**
AMUTKAN MUTLU D., POLAT I.
2nd HEZARFEN International Congress of Science, Mathematics and Engineering Sciences, 25 - 26 September 2020
- V. **Histology and morphology of the Malpighian tubules in *Poecilimon ataturki* Ünal, 1999 (Orthoptera, Tettigoniidae)**
POLAT I., AMUTKAN MUTLU D., ÜNAL M., SULUDERE Z.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), 19 - 20 March 2020
- VI. **SEM and light microscopy of the fat body and digestive system in overwintering Colorado potato beetle, *Leptinotarsa decemlineata* (Coleoptera: Chrysomelidae)**
Cedden D., Güney G., AMUTKAN MUTLU D., SULUDERE Z., TOPRAK U.
Entomology 2019, 17 - 20 November 2019
- VII. **Taramalı elektron mikroskobunda (Sem) *Cassida sanguinosa* Suffrian, 1844'nın (Coleoptera: Chrysomelidae: Cassidinae) aedeagus ve spermateka yapısı**
Bal N., Özdikmen H., Atas F., Amutkan Mutlu D., Suludere Z.
International Symposium On Academic Studies in Science, Engineering and Architecture Studies, Ankara, Turkey, 15 - 17 November 2019

- VIII. **A SEM study on aedeagus and spermatheca of *Cassida rubiginosa* Müller, 1776 (Coleoptera: Chrysomelidae: Cassidinae) from Turkey .**
BAL N., ÖZDİKMEN H., ATAŞ F., AMUTKAN MUTLU D., SULUDERE Z.
ISMSIT 2019, 3rd International Symposium on Multidisciplinary Studies and Innovative Technologies, Ankara, Turkey, 11 - 13 October 2019
- IX. **A SEM Study on aedeagusa and spermatheca of *Cassida fausti* Spaeth Reitter, 1926 (Coleoptera: Chrysomelidae: Cassidinae) from Turkey.**
BAL N., ÖZDİKMEN H., ATAŞ F., AMUTKAN MUTLU D., SULUDERE Z.
ISMSIT 2019, 3rd International Symposium on Multidisciplinary Studies and Innovative Technologies, Ankara, Turkey, 11 - 13 October 2019
- X. **The crop morphology and histology of *Isophya nervosa* Ramme 1931 (Orthoptera: Tettigoniidae)**
AMUTKAN MUTLU D., SULUDERE Z.
6th International Symposium on Academic Studies in Science, Engineering and Architecture Sciences (ISMS), 13 - 15 June 2019
- XI. **The histomorphology and ultrastructure of the ventriculus in *Pseudochorthippus parallelus parallelus* (Zetterstedt, 1821) (Orthoptera, Acrididae)**
POLAT I., AMUTKAN MUTLU D., SULUDERE Z.
6th International Symposium on Academic Studies in Science, Engineering and Architecture Sciences (ISMS), Turkey, 13 - 15 June 2019
- XII. **A morphological study on aedeagus and spermatheca of *Cassida rubiginosa* Müller, 1776 (Coleoptera: Chrysomelidae: Cassidinae) from Turkey.**
ATAŞ F., ÖZDİKMEN H., BAL N., AMUTKAN MUTLU D., SULUDERE Z.
the 2nd International Eurasian Conference on Biological and Chemical Sciences, 28 - 29 June 2019, vol.1, pp.1781-1787
- XIII. **A morphological study on aedeagus and spermatheca of *Cassida fausti* Spaeth Reitter, 1926 (Coleoptera: Chrysomelidae: Cassidinae) from Turkey.**
ATAŞ F., ÖZDİKMEN H., BAL N., AMUTKAN MUTLU D., SULUDERE Z.
the 2nd International Eurasian Conference on Biological and Chemical Sciences, 28 - 29 June 2019, vol.1, pp.1774-1780
- XIV. **A SEM study on aedeagus and spermatheca of *Cassida vibex* Linnaeus, 1767 (Coleoptera: Chrysomelidae: Cassidinae) from Turkey.**
BAL N., ÖZDİKMEN H., ATAŞ F., AMUTKAN MUTLU D., SULUDERE Z.
the 2nd International Eurasian Conference on Biological and Chemical Sciences, 28 - 29 June 2019, vol.1, pp.1800-1812
- XV. **A SEM study on aedeagus and spermatheca of *Cassida pannonica* Suffrian, 1844 (Coleoptera: Chrysomelidae: Cassidinae) from Turkey**
BAL N., ÖZDİKMEN H., ATAŞ F., AMUTKAN MUTLU D., SULUDERE Z.
2nd International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 28 - 29 June 2019, vol.1, pp.1788-1799
- XVI. **Fine structure of the ileum of *Pseudochorthippus parallelus parallelus*(Zetterstedt, 1821) (Orthoptera, Acrididae).**
AMUTKAN MUTLU D., POLAT I., ÜNAL M., SULUDERE Z.
2nd International Eurasian Conference Biological and Chemical Sciences (EurasianBioChem 2019), Ankara, Turkey., 28 - 29 June 2019
- XVII. **Histology and ultrastructure of the testis in *Pseudochorthippus parallelus parallelus* (Orthoptera, Acrididae)**
POLAT I., AMUTKAN MUTLU D., ÜNAL M., SULUDERE Z.
International Symposium Ecology 2018, 19 - 23 June 2018
- XVIII. **Morphology and histology of the Malpighian tubules in *Pseudochorthippus parallelus parallelus* (Orthoptera, Acrididae)**
AMUTKAN MUTLU D., POLAT I., ÜNAL M., SULUDERE Z.

International Symposium Ecology 2018, 19 - 23 June 2018

- XXIX. **Light and electron microscopic study of the ileum of *Isophya nervosa* (Orthoptera, Tettigoniidae)**
AMUTKAN MUTLU D., SULUDERE Z.
2018 The 3rd International Conference on Natural Science and Applied Mathematics (ICNSAM 2018), 15 - 18 June 2018
- XX. **Morphology and ultrastructure of the Malpighian tubules of *Isophya nervosa* (Orthoptera, Tettigoniidae)**
AMUTKAN MUTLU D., SULUDERE Z.
International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), 26 - 27 April 2018
- XXI. **The fine structure of the rectum of *Isophya nervosa* (Orthoptera, Tettigoniidae)**
AMUTKAN MUTLU D., SULUDERE Z.
International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), 26 - 27 April 2018
- XXII. **Ultrastructure of the female reproductive system in *Odontotarsus purpureolineatus* (Rossi 1790) (Heteroptera: Scutelleridae)**
CANDAN S., ÖZYURT KOÇAKOĞLU N., AMUTKAN D., POLAT I., SULUDERE Z.
3th International Symposium for Agriculture and Food - ISAF 2017, 18 - 20 October 2017
- XXIII. **Structure and histochemistry of the principal salivary glands in *Carpocoris purpureipennis* (de Geer, 1773) (Heteroptera: Pentatomidae)**
AMUTKAN D., ÖZYURT KOÇAKOĞLU N., POLAT I., SULUDERE Z., CANDAN S.
15th International Congress of Histochemistry and Cytochemistry ICHC 2017, 18 - 21 May 2017
- XXIV. ***Enoplops disciger* (Kolenati, 1845) (Heteroptera: Coreidae)'de Malpighi tüplerinin morfolojisi ve ince yapısının araştırılması**
POLAT I., AMUTKAN D., ÖZYURT KOÇAKOĞLU N., SULUDERE Z., CANDAN S.
23. Ulusal Elektron Mikroskopi Kongresi EMK 2017 (Uluslararası Katılımlı), Turkey, 19 - 21 May 2017
- XXV. **Histochemical study of the ovaries in *Piezodorus lituratus* (Fabricius, 1794) (Heteroptera: Pentatomidae)**
SULUDERE Z., CANDAN S., POLAT I., AMUTKAN D., ÖZYURT KOÇAKOĞLU N.
15th International Congress of Histochemistry and Cytochemistry ICHC 2017, 18 - 21 May 2017
- XXVI. **Histology and histochemistry of the gastric caecum in *Enoplops disciger* (Kolenati, 1845) (Heteroptera: Coreidae)**
CANDAN S., AMUTKAN D., ÖZYURT KOÇAKOĞLU N., ÇETİN D., POLAT I., SULUDERE Z.
15th International Congress of Histochemistry and Cytochemistry ICHC 2017, 18 - 21 May 2017
- XXVII. **Histology and ultrastructure of the female reproductive system in *Aelia albivittata* Fieber, 1868 (Heteroptera: Pentatomidae)**
ÖZYURT KOÇAKOĞLU N., AMUTKAN D., POLAT I., CANDAN S., SULUDERE Z.
1th International Conference on Advances in Science and Arts, 29 - 31 March 2017
- XXVIII. **Histology and morphology of the ileum in *Gryllus campestris* Linnaeus 1758 Orthoptera Gryllidae**
CANDAN S., POLAT I., ÇETİN D., AMUTKAN D., ÖZYURT N., SULUDERE Z.
International Conference on Biological Sciences (ICBS), 21 - 23 October 2016
- XXIX. **Ultrastructure of the proventriculus and the anterior midgut of *Piezodorus lituratus* Fabricius 1794 Heteroptera Pentatomidae**
POLAT I., AMUTKAN D., ÖZYURT N., CANDAN S., SULUDERE Z.
International Conference on Biological Sciences (ICBS), 21 - 23 October 2016
- XXX. **Ultrastructural description of the gastric caeca in *Gryllus campestris* Linnaeus 1758 Orthoptera Gryllidae**
ÖZYURT N., AMUTKAN D., CANDAN S., POLAT I., SULUDERE Z.
International Conference on Biological Sciences (ICBS), 21 - 23 October 2016
- XXXI. **Histological and ultrastructural investigations on colon of *Gryllus campestris* Linnaeus 1758 Orthoptera Gryllidae**

- AMUTKAN D., POLAT I., ÖZYURT N., SULUDERE Z., CANDAN S.
International Conference on Biological Sciences (ICBS), 21 - 23 October 2016
- XXXII. **Morphological and histological characterization of gastric caecum in *Piezodorus lituratus* Fabricius 1794 Hemiptera Pentatomidae**
SULUDERE Z., AMUTKAN D., POLAT I., ÖZYURT N., CANDAN S.
International Conference on Biological Sciences (ICBS), 21 - 23 October 2016
- XXXIII. **Morphology and fine structure of the midgut in *Gryllus campestris* Linnaeus 1758 Orthoptera Gryllidae**
AMUTKAN D., ÖZYURT N., POLAT I., SULUDERE Z., CANDAN S.
International Conference on Biological Sciences (ICBS), 21 - 23 October 2016
- XXXIV. ***Gryllus campestris* Linnaeus 1758 Orthoptera Gryllidae in kursağının morfolojisi ve histolojik yapısı**
CANDAN S., SULUDERE Z., ÖZYURT N., AMUTKAN D., POLAT I.
23. Ulusal Biyoloji Kongresi, Turkey, 5 - 09 September 2016
- XXXV. ***Dolycoris baccarum* Heteroptera Pentatomidae rektumunun ultrastrüktürü ve bakterileri**
KOCAMAZ T., ÇETİN D., AMUTKAN D., ÖZYURT N., POLAT I., CANDAN S., SULUDERE Z.
22. Elektron Mikroskopi Kongresi (Uluslararası Katılımlı), Turkey, 2 - 04 September 2015
- XXXVI. ***Gryllus campestris* Orthoptera Gryllidae in rektumunun histolojik yapısı**
POLAT I., AMUTKAN D., ÖZYURT N., CANDAN S., SULUDERE Z.
22. Elektron Mikroskopi Kongresi (Uluslararası Katılımlı), Turkey, 2 - 04 September 2015
- XXXVII. ***Piezodorus lituratus* Fabricius 1794 Heteroptera Pentatomidae ta Malpighi tübüllerinin morfolojisi histolojisi ve ultrastrüktürü**
ÖZYURT N., AMUTKAN D., POLAT I., CANDAN S., SULUDERE Z.
22. Elektron Mikroskopi Kongresi (Uluslararası Katılımlı), Turkey, 2 - 04 September 2015
- XXXVIII. ***Gryllus campestris* Orthoptera Gryllidae in Malpighi tübüllerinin ince yapısının mikroskopik incelemesi**
POLAT I., ÖZYURT N., AMUTKAN D., SULUDERE Z., CANDAN S.
22. Elektron Mikroskopi Kongresi (Uluslararası Katılımlı), Turkey, 2 - 04 September 2015
- XXXIX. ***Piezodorus lituratus* Fabricius 1794 Heteroptera Pentatomidae ta tükürük bezlerinin elektron mikroskop incelemesi**
AMUTKAN D., ÖZYURT N., POLAT I., SULUDERE Z., CANDAN S.
22. Elektron Mikroskopi Kongresi (Uluslararası Katılımlı), Turkey, 2 - 04 September 2015
- XL. **Ultrastructure of rectum of *Graphosoma lineatum* Linnaeus 1758 Heteroptera Pentatomidae**
AMUTKAN D., SULUDERE Z., CANDAN S.
18. International Microscopy Congress, Czech Republic, 7 - 12 September 2014
- XLI. **Ultrastructure of proventriculus and midgut of *Graphosoma lineatum* Linnaeus 1758 Heteroptera Pentatomidae**
AMUTKAN D., SULUDERE Z., CANDAN S.
18. International Microscopy Congress, Czech Republic, 7 - 12 September 2014
- XLII. ***Graphosoma lineatum* Heteroptera Pentatomidae un tükürük bezinin ultrastrüktürel yapısı**
AMUTKAN D., SULUDERE Z., CANDAN S.
22. Ulusal Biyoloji Kongresi (Uluslararası Katılımlı), Turkey, 23 - 27 June 2014
- XLIII. ***Graphosoma semipunctatum* Pentatomidae Heteroptera un dişi üreme sisteminin morfolojisi ve histolojisi**
ÖZYURT N., CANDAN S., SULUDERE Z., AMUTKAN D.
21. Ulusal Elektron Mikroskopi Kongresi (Uluslararası Katılımlı), Turkey, 28 - 31 May 2013
- XLIV. ***Lygaeus equestris* Lygaeidae Heteroptera in erkek üreme sisteminin morfolojik ve histolojik yapısının ışık ve taramalı elektron mikroskopunda incelenmesi**
BOSTANCI B., ÖZYURT N., CANDAN S., AMUTKAN D., SULUDERE Z.
21. Ulusal Elektron Mikroskopi Kongresi (Uluslararası Katılımlı), Turkey, 28 - 31 May 2013
- XLV. ***Graphosoma lineatum* Heteroptera Pentatomidae orta bağırsak ultrastrüktürü ve bakterileri**
AMUTKAN D., ÇETİN D., CANDAN S., SULUDERE Z.

First International Biology Congress in Kyrgyzstan, Kyrgyzstan, 24 - 27 September 2012

XLVI. **Graphosoma lineatum Linneaus 1758 Heteroptera Pentatomidae un sindirim kanalının ultrastruktürü**

AMUTKAN D., SULUDERE Z., CANDAN S.

20. Ulusal Elektron Mikroskopi Kongresi (Uluslararası Katılımlı), Turkey, 25 - 28 October 2011

Activities in Scientific Journals

Journal Of The Entomological Research Society, Editor, 2016 - Continues

Scientific Refereeing

MICRON, SCI Journal, June 2020

Citations

Total Citations (WOS):9

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