



TAGEM
R&D AND INNOVATION

WESTERN MEDITERRANEAN AGRICULTURAL
RESEARCH INSTITUTE/ ANTALYA

MUSLIME TANRISEVEN, MSc. Biologist

EDUCATION

- **Assoc. prof**
- **PhD** Akdeniz University, Institute of Health Sciences, Medical Biotechnology, Continue
- **MSc** Akdeniz University, Institute of Natural and Applied Science, Molecular Biology Department 2009, Akdeniz University Institute of Health Sciences, Medical Pharmacology, 2018
- **Bachelor's Degree** Ankara University, Natural and Applied Science Faculty, Biology

LANGUAGE English YDS 73,75/ IELTS 7
Russian 1. Level

CAREER

- 2011-Biologist/Researcher, Batı Akdeniz Agricultural Research Institute/ANTALYA
- 2005-2011 Teacher of Biology and Head of Natural Science Department/ Özel Yorum Dershanesi, University Entrance Exam Preparation School, ANTALYA
- 2004-2005 Teacher of Biology and Natural Science / Vahap Yılmaz Dershanesi, University Entrance Exam Preparation School ANTALYA
- 2003-2004 Teacher of Biology and Natural Science / Pi Dershanesi, University Entrance Exam Preparation School ANTALYA

ABOUT ME

I was graduated from Ankara University, Faculty of Science, Biology Department as a Biologist. In the same year I also completed Educational Sciences Formation at Gazi University Faculty of Education. I completed my master's degree at Akdeniz University, Institute of Sciences; My Thesis main focus is the special herbal extracts and their effects on triple negative breast cancer cell line. In 2016, I was conducted gene transfer and molecular based researches on fungi for 4 months at the University of Nottingham, UK. In 2018, via biotechnological methods I developed nano antibacterial particles against wound and burn pathogens at the faculty of Medicine, Department of Pharmacology. As a researcher, I have been working in many international projects which support via FAO, GEF and national projects support by TUBITAK, TAGEM, TAGEM R&D since 2011.

CONTACT

Barabaras Mahallesi, Serik Caddesi Serik Yolu 22. Km Aksu/Antalya/TURKEY

muslime.tanriseven@tarimorman.gov.tr

0242 325 53 30



MUSLİME TANRISEVEN, MSc.

Biologist

TAGEM
R&D AND INNOVATION

■ **PROJECTS**

■ **Projects Conducted**

1. Determination of in Vitro Release Behavior of Encapsulated *Origanum minutiflorum* and *Citrus sinensis* Essential Oil and Isolated Carvacrol (TAGEM/17/A07/P06/07, 2017-2021, TAGEM, Researcher)
2. Investigation the Antifungal effects of Encapsulating Bioactive Extracts Obtained from Different Natural Sources on Margarines. (TAGEM AR-GE, 2018-2021, Researcher)
3. The Investigation of Possibilities for Using Steviol Glikozid Rebaduosid a in the Production of Bitter Orange Marmalade with Low Sugar Content (2020-2021, TAGEM, Researcher)
4. Fennel Breeding (TAGEM/TBAD/Ü/20/A7/P6/1807, 2021-2022, Researcher)
5. Determination of Adaptation of Different Lavender Species to Kahramanmaraş Conditions and Some Quality Criteria (TAGEM/TBAD/16A04/P06/07, 2016-2021, Researcher)
6. Biotechnological Synthesis, Characterization and Evaluation of Antibacterial And Antiproteolytic Activities Of Metallic Nanoparticles For The Treatment Of Wound And Burn (2017-2018, Project Leader)
7. Mainstreaming Biodiversity Conservation and Sustainable for Improved Human Nutrition and Well Being (2013-2018, Global Environment Foundation (GEF), Yardımcı Araştırmacı)
8. Determination The Antibacterial and Antifungal Effects of Volatile Oils Belonging to Some Thymus and Origanum Species, Spread in West Mediterranean Region, (TAGEM/TBAD/13/A04/P06/02, 2014-2016, Project Leader)
9. Effects of Different Pre-applications and Storage Conditions on Storage Life and Fruit Quality of 'Hicaznar' Pomegranate Cultivar (TAGEM, 2015-2017, Researcher)
10. Investigation of the effects of some essential oils and antioxidant compounds on product quality and shelf stability of dehydrated tomatoes (TAGEM/HGSYAD/14/A05/P01/49, 2014-2016, Researcher)
11. Determining Quality Parameter of Some Commercial and Medicinal Oils, (TAGEM/TBAD/13/A04/P06/03, 2013-2014, Researcher)
12. Protection and Cultivation of Medicinal and Aromatic Plants in West Mediterranean Region in Turkey. (FAO, 2012-2014, Researcher)
13. Classical and Biotechnological Cultivation of Some Endemic Species Naturally Spread in Turkey and Gaining of Them to the economy (Çukurova University, BAP, 2012-2013, Yardımcı Araştırmacı)
14. Cytotoxic Effect of *Asphodelus aestivus* brot. (Liliaceae) Tuber Extract on MDA-MB 231 Breast Cancer Cell Line (Akdeniz University, 2008-2009, Project Leader)

■ **Ongoing Projects**

1. Varieties and Clones of Domestic and Foreign Originated Peppermint (*Mentha L.*) Species, Investigation of Biological Activities of Different Chemotypes, Selection of Commercially Important Varieties and Clones and Valuable Compounds under Controlled Conditions (different temperatures and CO2 concentrations) Change (TÜBİTAK / 1001, 2021-2023, 2nd Work Package Responsible)
2. Determination the Anticandidal activity of *Pelargonium graveolens* (Itir) L. Her essential oil (TAGEM/TBAD/B/19/A7/P6/1007, 2019-2022, TAGEM, Project Leader)
3. The Optimization of Some Extraction Parameters of the Production of Yarrow (*Achillea millefolium L.*) Extract, Phytochemical Characterization and Shelf Stability, TAGEM,2022-2024, Researcher
4. Breeding of Synthetic Varieties *Sideritis congesta*, *Sideritis sitricta ve Sideritis condensata* species, 2020-2024 TAGEM/TBAD/B20/A7/P6/1578, Researcher.
5. Investigation of Adaptation of Some Thyme Species Growing in Turkey and Having Economic Value under Kahramanmaraş Conditions and the Effects of Different Harvest Times on Yield and Quality Criteria. 2022-2026.Researcher



MUSLİME TANRISEVEN, MSc.

Biologist



■ PUBLICATIONS

■ INTERNATIONAL ARTICLES AND PAPERS

■ International Papers, Seminars, etc.

1. TANRISEVEN M., Çınar A., Ayas F. Chemical Composition of the *Thymus sipyleus* Boiss. subsp. *rosulans* (Borbos) Jales Essential Oil, From Turkey, International Symposium on Biodiversity and Edible Wild Plants, Abstract Book, page 174, 3-5 April 2017 Antalya Turkey.
2. TANRISEVEN M., Çınar A., Ayas F., Yıldırım K. Screening Antibacterial Activity Of *Thymus sipyleus* Boiss. subsp. *rosulans* (Borbos) Jales essential oil against human pathogens, International Symposium on Biodiversity and Edible Wild Plants, Abstract Book, page 175, 3-5 April 2017 Antalya Turkey.
3. TANRISEVEN M., Ayas, F., Çınar, A. 2015. Chemical Composition of the *T. cherlerioides* var. *isauricus jales* Essential Oil, from Turkey. 11th International Symposium on the Natural Compounds. 1-4 October 2015, Antalya, Turkey.
4. TANRISEVEN M., Çınar A., 2015. Determination the Antibacterial Activity of *Stevia rebaudiana* Essential oil. The Second Mediterranean Symposium on Medicinal and Aromatic Plants International. April- 22-25, 2015, Aska Lara Hotel, Antalya
5. Vuran F.A., TANRISEVEN M., Yavaşer R. 2015. Composition and Antibacterial Activity of Essential Oil From *Echinophora Tenuifolia* L. Grown in Turkey. The Second Mediterranean Symposium on Medicinal and Aromatic Plants, 22-25 April, 2015, Antalya-Türkiye.
6. TANRISEVEN, M., Yüksel, K., Çınar, O. 2015. Determination of antibacterial and antioxidant activity of *Phlomis Lycia* extract. The Second Mediterranean Symposium on Medicinal and Aromatic Plants. April 22-25 2015. Antalya, Turkey.
7. Ayas, F., TANRISEVEN M., Vuran F.A. 2015. Antibacterial Activity and Essential Oil Composition of the *Achillea wilhelmsii* C. Koch, from Turkey. 11th International Symposium on the Natural Compounds. 1-4 October 2015, Antalya, Turkey.
8. TANRISEVEN M., Turgut D. Y., Karagüzel Ü. Ö., *Pelargonium graveolens* L'Her, In the Light of Evidence, Bridging the Gap Between Tradition and Future, Itır Rose-Hatmi Figs Jam, V. Uluslararası Gıda Ar-Ge proje Pazarı, Proje Kitabı, syf 42, 25 Mayıs 2017, İzmir, Turkey.
9. Yıldız Turgut, D., Çınar, O., Yüksel, K., TANRISEVEN, M., Seçmen, T., Tanır, A., 2018. Determination of Phytochemical Properties of Kumquat (*Fortunella margarita* Swing) Peel and Seed Extracts. 4th International Symposium of Medicinal and Aromatic Plants, 2-4 October 2018. P:86.
10. Çınar, O., TANRISEVEN, M., Gölükcü, M. 2014. Determination of essential oil components and antibacterial activity of *Laurus nobilis* leaves collected every month in winter. 45th International Symposium on Essential Oils. September 07-10 2014. İstanbul, Turkey.



MUSLİME TANRİSEVEN, MSc.

Biologist



▪ **PUBLICATIONS**

▪ **NATIONAL ARTICLES AND PAPERS**

▪ **National Papers, Seminars, etc.**

1. **Çınar N., TANRİSEVEN M., Çınar O., Öten M., 2019.** Geyik Elması (*Eriolobus trilobatus*) Yapraklarında Farklı Ekstraksiyon Uygulamalarının Bazı Tıbbi Özellikler Üzerine Etkisi, 6. Ulusal Botanik Kongresi, Sözlü sunu No: 3-2, 18- 20 Aralık 2019, Afyon.
2. TANRİSEVEN M., Ayas F., Çınar A, 2016. *Origanum vulgare subs. hirtum* Uçucu Yağının Bileşenlerinin ve Antibakteriyel Aktivitesinin İncelenmesi, III. Tıbbi Bitkiler Sempozyumu, 4-6 Ekim 2016, Antalya.
3. TANRİSEVEN M., Ayas F., Çınar A, 2016. *Sideritis argyrea* Uçucu Yağ ve Ekstraktının Antimikrobiyal Aktivitesinin İncelenmesi, III. Tıbbi Bitkiler Sempozyumu, 4-6 Ekim 2016, Antalya.
4. TANRİSEVEN M., Ayas F., 2016. *Pelargonium graveolens* Uçucu Yağ ve Ekstraktının Antibakteriyel Aktivitesinin İncelenmesi, III. Tıbbi Bitkiler Sempozyumu, 4-6 Ekim 2016, Antalya.
5. Çınar, O., Yüksel, K., TANRİSEVEN, M. 2014. Farklı Dönemlerde Toplanan *Schinus molle* Yapraklarının Uçucu Yağ Bileşimi ve Antimikrobiyal Aktivitesinin İncelenmesi. 21. Bitkisel İlaç Hammaddeleri Toplantısı, 28 Mayıs-1 Haziran 2014, Ürgüp, Kayseri.
6. Tuğrul Ay, S., TANRİSEVEN, M., Çınar, O., Demiray, K., Ayas, F. 2012. Antalya florasında doğadan toplanan ve kültüre alınan *Sideritis stricta* türünün kalite özelliklerinin belirlenmesi. Tıbbi ve Aromatik Bitkiler Sempozyumu 13-15 Eylül 2012 Tokat.
7. Yüksel, K., TANRİSEVEN, M. 2014. Ticari Kekik Yağından İzole Edilen Karvakrolün Antibakteriyel Etkinliğinin İncelenmesi. 21. Bitkisel İlaç Hammaddeleri Toplantısı, Kayseri.
8. Türkiye’de Tıbbi Aromatik Bitkiler, Biosağlık ve Ekonomisi, TAGEM, Ankara, 12.05.2014 (Sözlü Bildiri).
9. TANRİSEVEN, M., Kılıç M., A., 2012. *Asphodelus aestivus* Brot. Liliaceae Tuber Ekstraktının MDA-MB 231 Meme Kanseri Üzerine Sitotoksik Etkisi. 20. Bitkisel İlaç Hammaddeleri Toplantısı, 13.10.2012, Antalya, Çolaklı.



▪ **OTHER PUBLICATIONS**

▪ **Ph.D. Thesis, Master Thesis, Reports, Books etc.**

1. TANRISEVEN, M., Kılıç M., A., 2012. *Asphodelus aestivus* Brot. Liliaceae Tuber Ekstraktının MDA-MB 231 Meme Kanseri Üzerine Sitotoksik Etkisi. Akdeniz Üniversitesi Fen Bilimleri Enstitüsü Moleküler Biyoloji ABD, Antalya, 2009, MSc.
2. Yara ve Yanık Tedavisinde Kullanılmak Üzere Metalik Nanopartiküllerin Biyoteknolojik Yöntemle Sentezlenmesi, Karakterizasyonu, Antibakteriyal ve Antiproteolitik aktivitelerinin Değerlendirilmesi Akdeniz Üniversitesi Sağlık Bilimleri Enstitüsü, Farmakoloji ABD, Antalya, 2018 MSc.
3. Türkiye'de Tıbbi Aromatik Bitkiler, Biosağlık ve Ekonomisi, Brifing ve Bilgi notu, TAGEM, Ankara, 12.05.2014
4. Keçiboynuzu, Tıbbi Bitki Kitap Şablonu, 2018, TAGEM
5. Türkiye Tıbbi Bitkilerinin Potansiyelinin Belirlenmesi, Üretimi Ve Kullanımının Yaygınlaştırılması (Endikasyon Ve Toksikoloji), TAGEM BİLGİ NOTU, 2020, Muslime TANRISEVEN, Nurtaç Çınar, Kerem Yüksel, Fulya Yüceol.
6. Batı Akdeniz Tarımsal Araştırma Enstitüsü Tıbbi Bitkiler Merkez Araştırma Laboratuvarı Mikrobiyoloji Laboratuvarı Akreditasyonu İçin Gereklikler RAPORU, Raporu Hazırlayan: Muslime TANRISEVEN, Mayıs 2020, Antalya



MUSLİME TANRISEVEN, MSc.

Biologist



▪ Membership, Training, Course, Meeting, Congress, Symposium and Other Activities

1. World Tuberculosis Day Panel, Akdeniz University Tuberculosis Studies Application and Research Center (AKVUAM), 31 Mart 2021, Antalya.
2. International Symposium on Biodiversity and Edible Wild Species, 3-5 April 2017, Antalya
3. Lamiaceae, 2017, Antalya.
4. 100 Ways to Kill a Fungus, 04 February 2016, Nottingham, England.
5. The Second Mediterranean Symposium on Medicinal and Aromatic Plants, April 22-25, 2015, Aska Lara Hotel Antalya.
6. ISEO-International Symposium of Essential Oil, 07-10 September 2014-Istanbul.
7. Protection and Cultivation of Medicinal and Aromatic Plants in West Mediterranean Region in Turkey-FAO, 2014, Antalya.
8. Microarray Data Analysis Workshop, 18-21 May 2014 Antalya.
9. The Regional Expert Consultation on Medicinal and Aromatic Plants-Workshop-FAO, 13-15 November 2013 Antalya.
10. Protection and Cultivation of Medicinal and Aromatic Plants in West Mediterranean Region in Turkey – Workshop Opening Session-FAO, 2012 Antalya.
11. Proteomics, Structure and Function Workshop, International/Coordination Committee Member, September 2006, Antalya.
12. III. Medicinal and Aromatic Plants Symposium, 4-6 Ekim 2016, Antalya
13. XX. Bitkisel İlaç Hammaddeleri Toplantısı - BİHAT 2012, 10-13 Ekim 2012, Antalya
14. Biological Diversity Symposium, 22-23 Mayıs 2012, Ankara.
15. Medicinal and Aromatic Plants, Biohealth and Economy, in Turkey. TAGEM, Ankara, 12.05.2014
16. Fungal Taxonomy and Molecular Diagnosis Techniques, Fungal Genetic Research Group, School of Life Sciences, University of Nottingham, Nottingham, United Kingdom. 31 Aralık 2015-30 Mart 2016,
17. The British Turco Association- Supported by ICARDA /CIMMIYT, 21 Ocak-31 Mayıs 2013.
18. Deney Hayvanları ve Uygulamaları Kursu, Akdeniz Üniversitesi-Deney Hayvanları Lokal Etik Kurulu, 26 Mayıs-3 Haziran 2012.
19. FAO Project, Applied Instrumental Analysis (GC, GC-MS, FID), FAO projesi destekli, 2012-2014, toplam 20 gün, Antalya.
20. Statistics 1 Training -UTAEM-Menemen, İzmir, 17-21 Ekim 2012.

Membership

- Mediterranean Medicinal and Aromatic Plants Association- ATABDER-Member
- Molecular Cancer Research Association-MOKAD-Member
- The European Association for Cancer Research: EACR-Member and Ambassador