

CURRICULUM VITAE



Name and Surname : Ilkay ERDOGAN ORHAN
Date of Birth : September 24, 1972
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University Records:

B. Sc. (Pharmacy): Faculty of Pharmacy, Gazi University (1989-1993)

1st M.Sc. (Pharmacognosy): Department of Pharmacognosy, Institute of Health Sciences, Gazi University, Ankara, Turkey (1993-1996)

Master Thesis: Pharmacognosic Researches on the Bulbs of *Lilium candidum* L.
(Supervisor: Prof. Dr. Bilge Şener)

2nd M.Sc. (Marine Natural Product Chemistry): Department of Chemistry, Biology and Marine Sciences, University of the Ryukyus, Okinawa, Japan (1996-1998)

Master Thesis: Studies on the Chemical Constituents of Two Unidentified Sponges from the Aegean Sea and of the Okinawan Sponge *Theonella cupola*
(Supervisor: Prof. Dr. Tatsuo Higa)

Ph. D. (Pharmacognosy): Department of Pharmacognosy, Institute of Health Sciences, Gazi University, Ankara, Turkey (1999-2002)

Ph.D. Thesis: Investigations on Acetylcholinesterase Inhibitory Activity of Various Plants Growing in Turkey (Supervisor: Prof. Dr. Bilge Şener)

Assoc. Prof. (Pharmacognosy & Pharmaceutical Botany): Department of Pharmacognosy, Faculty of Pharmacy, Gazi University, Ankara, Turkey (2004-2009)

Prof. Dr. (Pharmacognosy & Pharmaceutical Botany): Department of Pharmacognosy, Faculty of Pharmacy, Gazi University, Ankara, Turkey (October 2009- to date) (Permanent position)

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DEAN and Prof. Dr. (Pharmacognosy & Pharmaceutical Botany): Pharmacognosy and Pharmaceutical Botany Unit, Faculty of Pharmacy, Eastern Mediterranean University, Gazimagosa, North Cyprus (May 2011- to date) (2011-2014)

Postdoctoral Research:

Microbial Biotransformation of Some Natural Products, (Department of Chemistry, University of Winnipeg, Winnipeg, Canada, 2003).

Scholarship and Fellowships:

- 1993-1995 Scientist Training Group Scholarship provided by the Scientific and Technological Research Council of Turkey (TUBITAK) for M.Sc. degree
- 1996-1998 MONBUSHO scholarship provided by the Ministry of Education in Japan for M.Sc. degree
- 2003 NATO Science Fellowship Program Grant (NATO-B1) provided by the Turkish Scientific and Technical Research Council (TUBITAK)
- 2005 Visiting scientist at H.E.J. Research Institute of Chemistry, University of Karachi (Pakistan) provided by the Scientific and Technological Research Council of Turkey (TUBITAK) for the joint project coded SBAG-PAKISTAN-1 (1045073)

Academic Awards

- 2006 **“Scientific Encouragement Award” given by Academy of Pharmacy-Association of Turkish Pharmacists (May 14, 2006)**
- 2010 **“TWOWS (OWSDW)/Elsevier Award for Young Woman Scientist for Asia-Pacific Region” given by Organization for Women in Science for the Developing World (OWSDW-formerly TWOWS-Italy)**
- 2010 **“Science Award in Biology” by COMSTECH (Committee on Scientific and Technological Cooperation by OIC-Organization of Islamic Cooperation)**
- 2011 **Young Female Scientist Award (in Life Sciences) by L’Oreal & Turkish Academy of Sciences**
- 2011 **Young Affiliate Representative of the Central & South Asia region (ROCASA) of Third World Academy of Sciences (TWAS) (2011-2016)**
- 2011 **Honor Award represented by Gazi University**
- 2015 **“Innovation Award for Women” by Turkish Scientific and Technical Research Council (TUBITAK) and Association of Woman & Democracy**

Other Awards:

- 1997 **“*Second Award*”** at Speaking Contest of Japanese Language by Foreign Students organized by the Department of Foreign Languages, University of Ryukyus, Okinawa, Japan
- 2010 ***Finalist at the Best Scientific Medical Article Contest*** Organized by Istanbul Training and Research Hospital (January 14, 2010).
(**I. ORHAN, M. ASLAN:** Appraisal of scopolamine-induced anti-amnesic effect in mice and *in vitro* anti-acetylcholinesterase and antioxidant activities of some traditionally used Lamiaceae plants. *Journal of Ethnopharmacology*, 122, 327-332, 2009)

- 2010 “*The Best Poster Presentation Award*” at 14th International Congress-Phytopharm 2010, July 1-3, 2010, Saint Petersburg, Russia
- 2010 “*The Best Poster Presentation Award in Bioactivity Scope*” at 19th Meeting on Vegetable Crude Drugs (BIHAT-2010), October 27-29, 2010, Mersin, Turkey
- 2010 “*The Best Poster Presentation Award*” by Society of Pharmacognosy and Phytotherapy at 19th Meeting on Vegetable Crude Drugs (BIHAT-2010), October 27-29, 2010, Mersin, Turkey
- 2010 “*The Best Oral Presentation Award*” by the Anti-Aging and Aesthetic Medicine Society at 3rd International Anti-Aging Congress, December 2-5, 2010, Ankara, Turkey
- 2012 “*3rd Prize in the Category of Cosmetics, Soap and Cleansing Products*”, 2nd R&D Project Fair organized by Istanbul Chemicals and Chemical Products Exporters' Association

Travel Grant Awards:

1. Travel grant for young scientists awarded by the organization committee for the International Symposium on 2000 Years of Natural Product Research (Past, Present and Future), The Joint Meeting of ASP, PSE, GA and ASFP, July 24-30, 1999, Amsterdam, The Netherlands.
2. Travel grant for young scientists awarded by Phytochemical Society of Europe (PSE) and University of Molise for the International Symposium on Flavor and Fragrance Chemistry, PSE, January 13-16, 2000, Campobasso, Italy.
3. Travel grant for young scientists awarded by DPhG (Deutsche Pharmazeutische Gesellschaft) for the 3rd European Graduate Meeting, Johann Wolfgang Goethe University, February 23-25, 2001, Frankfurt, Germany.
4. Travel grant for young scientists awarded by the Society for Medicinal Plant Research (GA) for the International Congress and 49th Annual Meeting of the Society for Medicinal Plant Research (GA)-Traits, Tracks and Traces, Friedrich-Alexander-Universitat, September 2-6, 2001, Erlangen, Germany.
5. Travel grant for young scientists awarded by the Messel Fund of Society of Chemical Industry (SCI-London) for the 3rd World Congress on Medicinal & Aromatic Plants for Human Welfare, February 3-7, 2003, Chiang Mai, Thailand.
6. 2003 IUPAC travel grant award for young chemists by the Canadian Society for Chemistry for “Chemistry at the Interfaces” - 39th IUPAC Congress and 86th Conference of the Canadian Society for Chemistry, August 10-15, 2003, Ottawa, Canada.
7. Travel grant awarded by AJ Banks Fund (SCI-London) for “3rd Conference on Medicinal and Aromatic Plants of Southeast European Countries”, September 5-8, 2004, Nitra-Slovakia.
8. Travel grant awarded by the Turkish Scientific and Technical Research Council (TUBITAK) for “4rd Conference on Medicinal and Aromatic Plants of Southeast European Countries”, 28 May-02 June, 2006, Iasi-Romania.
9. “Young Scientist Program” award given by Committee on Science and Technological Cooperation (COMSTECH) (Islamabad-Pakistan) for “1st International Workshop-cum-Training Course on Molecular Medicine and Drug Research”, January 16-30, Karachi & Islamabad, Pakistan.

Projects:

1. Turkish Medicinal Plants as a Resource for Insect Control. NATO-CRG 941245.
2. Pharmacognosic Researches on the Bulbs of *Lilium candidum* L. The Research Foundation of Gazi University, Grant No: 02/95-23 (1995-1996).

3. Investigations on Natural Products from the Marine Organisms in the Aegean Sea. The Research Foundation of Gazi University, Grant No: 02/96-2 (1996-1998).
4. Studies on Bioactive Compounds of Some Marine Organisms in the Mediterranean Sea. The Research Foundation of Gazi University, Grant No: 02/2000-21 (2000-2001).
5. Investigation of Acetylcholinesterase Inhibitory Activities of Some Plants Growing in Turkey. The Research Foundation of Gazi University, Grant No: 02/2001-11(2001-2002).
6. Research on the Standardization of Soya Extract Used for Phyto-estrogenic Purpose, The Research Foundation of Gazi University, Grant No: 11//2003-13 (2003-2005).
7. Investigations on Anti-inflammatory and Analgesic Activities of *Lycopodium clavatum*, The Research Foundation of Gazi University, Grant No: 02/2005-12 (2005-2006).
8. Researches on Antiamnesic Effects of Some Plants Growing in Turkey, The Research Foundation of Gazi University, Grant No: 11/2004- (2004-2007).
9. Research on the Acetylcholinesterase Inhibitory Activity of *Buxus sempervirens* L. growing in Turkey, Turkish Scientific and Technical Research Council (TUBITAK), Grant No: 104T492 (2005-2007).
10. Evaluation of Anti-inflammatory and Analgesic Activities of Some Turkish Plants Used as Folk Remedies, The Research Foundation of Gazi University, Grant No: 02/2005-05 (2005).
11. Drug Development from Hepatoprotective Plants Growing in Turkey and Pakistan, Turkish Scientific and Technical Research Council (TUBITAK), Grant No: SBAG-PAKISTAN-1 (104S073) (2005-2007).
12. Investigation of *In vivo* Immunomodulatory Activity of *Lycopodium* Species Growing in Turkey, The Research Foundation of Gazi University, Grant No: 02/2006-30 (2006-2007).
13. Prohealth-Protecting and Prevention of Health by Awareness-Raising and Information, Socrates-Grundtvig G1, No:229959-CP-1-2006-1-DE-Grundtvig G1 (2006-2008).
14. Bioactive Natural Products in Sponge-Associated Fungi and Sponges in Seas of Turkey, TUBITAK, Grant no: SBAG-JULICH-3(104S409), (2007-2009).
15. Investigation on Acetylcholinesterase Inhibitory Activities of 55 Species of *Salvia* Growing in Turkey, The Research Foundation of Gazi University, Grant No: 02/2008-07 (2008-2009).
16. National Cancer Institute (NIH), Molecular Targets Development Program, Center for Cancer Research, "Screening of Compounds and Plant Extracts from Turkish Natural Product Sources in Various Cancer and HIV-Related Targeted High-Throughput Assays, Including gp78, TRAIL, HIF-2 and Others as Available at NCI", (2009-).
17. Cultivation of Geophytes of Turkey and Bringing Them in the Related Sectors, TUBITAK-KAMAG, Project no: 110G007, (2010-2015).
18. Project Meeting on Documenting, Searching of Commercial Uses of Medicinal and Aromatic Plants of the Eastern Black Sea Region (DOKAP) and Training of Producers, DOKAP Regional Development Management Presidency (2015-)

Academic memberships:

- Phytochemical Society of Europe (PSE)-U.K. (1999-to present)
- Society of Medicinal Plant Research/ Gesellschaft für Arzneipflanzenforschung (GA)-Germany (2001- to present).
- American Society of Pharmacognosy (ASP)- U.S.A. (2001-2006)
- Society of Chemical Industry (SCI)-U.K. (2000-2005)
- Biodiversity Association (BİYOÇED)-Turkey (2000-to present)
- Association of Pharmaceutical Sciences of Ankara (FABAD)-Turkey (2000-to present)
- Society of Pharmacognosy and Phytotherapy-Turkey (2002- to present)
- Association for the Medicinal and Aromatic Plants of Southeast European Countries (AMAPSEEC) Serbia and Montenegro (2004-to present)
- Society of Anti-aging and Esthetical Medicine (2006-to present)
- Organization of Women in Science in Developing World (OWSDW, formerly TWOWS) (2007-)

Non-governmental organization (NGO):

- President of “Working Women Platform” (2015 -)
- Member of “Society of Woman and Democracy” (KADEM) (2015 -)
- Member of “Society of Active Entrepreneur Business Women” (2015 -)
- Member of “Society of Female Directors and Employees” (2015 -)
- Ankara Chamber of Pharmacists (2001-to present) – Chair of R&D Board (2013 -)

Editor:

1. Editor-in-Chief - Journal of Natural Pharmaceuticals (2009-2014)
2. Editor - Biotechnological production of plant secondary metabolites – E-Book- Bentham Publishers (2012)
3. Lead Guest Editor for special issue published by *Evidence-Based Complementary and Alternative Medicine* entitled “Therapeutic Approaches to Neuroprotective Activity by Plant-Based Drugs” (2012)
4. Dermolive (2016-)

Editorial Board Member:

1. Fitomed (2008-2014)
2. The Open Complementary Medicine Journal – *Published by:* Bentham Science (2009 - 2013)

3. Journal of Pharmacognosy and Phytotherapy – *Published by:* Academic Journals (2009 -)
4. Modern Phytopharmacotherapy and Natural Phytopharmaceuticals - *Published by:* Turkish Society of Pharmacognosy and Phytotherapy (2009-2013)
5. Pharmacognosy Magazine - *Published by:* E-Manuscript Service-Phcog.net, India (SCI-Expanded) (2010-2013)
6. Journal of Plant Biology Research – *Published by:* International University of Sarajevo (Bosna – Hersek) (2011 -)
7. Bioimpacts – *Published by:* Medical University of Tabriz (Iran) (2014 -)
8. Pharmanest – India (2010 -)
9. Arabian Journal of Medicinal and Aromatic Plants – *Published by:* Arab Federation of Aromatic and Medicinal Plants (2015 -)
10. MISED (Official Magazine of Association of Turkish Pharmacists” (2012 -)
11. Journal of Pharmaceutical Sciences – Clinics of Turkey (2014 -)