

# Hojatollah Bodaghi

**Hojatollah Bodaghi, Ph.D.**

**Assistant Professor**

**(Postharvest Physiology and Technology)**

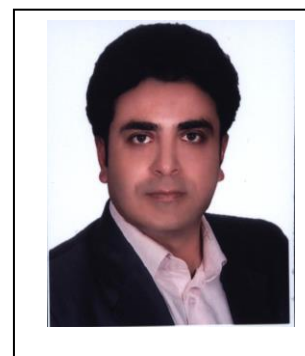
**Department of Horticulture and Plant Protection**

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## Education

Ph.D: Postharvest physiology & technology, (2011). University of Tehran. Department of Food Science, Agricultural Faculty, University of Foggia. Dissertation Title: Optimaization of polymeric films with nanoparticles for keeping apricot fruits at controlled atmosphere

M. Sc: Pomology, Physiology of fruits, (2004). University of Tabriz. Department of Horticulture Science. Thesis Title: Effect of girdling and foliar spray with boric acid on quantitative and qualitative properties of grape (*vitis vinefera* L.) “Sultana”

B. Sc: Horticulture, (1998). College of Agriculture. University of Mohaghegh Ardabili.

## Selected Publication

### A. Journals Papers

Bodaghi H., Nazemieh A., Mostofi y. and Motallebi Azar A. (2007) The effect of girdling and girdling plus boric acid application on fruit set and some characteristics of Soltanin, a seedless grape cultivar. *Iranian J Agri Scie.* 1(39): 27-37.

Bodaghi H., Nazemieh A., Mostofi Y. and Asgharzadeh A. (2007) Effect of girdling and foliar spry with boric acid on qualitative propertices of grap (*vitis vinefera* L.) “Sultana”. *Iranian J Hort Scie. Tech.* 1(8): 55-64.

Bodaghi, H., et al., Evaluation of the photocatalytic antimicrobial effects of a TiO<sub>2</sub> nanocomposite food packaging film by *in vitro* and *in vivo* tests, *LWT – Food Science and Technology* (2012), [ttp://dx.doi.org/10.1016/j.lw.2012.07.027](http://dx.doi.org/10.1016/j.lw.2012.07.027)

### B. Conference Papers

- Bodaghi Hojjatollah, Mostofi younes, Ghasimi Hagh Ziba. (2009). Nano-Particles Application in Packaging of Agriculture and Food Products. The 6th National Biotechnology Congress of Iran. Tehran-Iran. (Poster).
- Bodaghi Hojjatollah, Younes Mostofia, Abdulrasoul Oromiehie, Zabihollah Zamani, Babak Ghanbarzadeh and Matteo Alessandro Del Nobile. (2012). Evaluation of the antimicrobial effects of a TiO<sub>2</sub>-clay Nanocomposite film against *Pseudomonas* spp. and *Rhodotorula mucilaginosa* in vitro. The first national conference on nanomaterials and nanotechnology Islamic Azad University shahrood branch.
- Bodaghi Hojjatollah, Younes Mostofia, Abdulrasoul Oromiehie, Zabihollah Zamani, Babak Ghanbarzadeh and Matteo Alessandro Del Nobile. (2012). Evaluation of the antimicrobial effects of a TiO<sub>2</sub>-clay Nanocomposite film for food packaging. The first national conference on nanomaterials and nanotechnology Islamic Azad University shahrood branch.
- Bodaghi Hojjatollah, Younes Mostofia, Abdulrasoul Oromiehie, Zabihollah Zamani, Babak Ghanbarzadeh and Ziba Ghasimi Hagh. (2012). Performance of TiO<sub>2</sub> nanocomposite packaging film in ethylenerelease. 1th national congress of nanotechnology and its application in agriculture and natural resources. University of Tehran, Karaj, Iran.
- Bodaghi Hojjatollah, Younes Mostofia, Abdulrasoul Oromiehie, Zabihollah Zamani, Babak Ghanbarzadeh. (2012). The effect of clay on the barrier properties of LDPE organoclay nanocomposite film for horticulture products packaging. 1th national congress of nanotechnology and its application in agriculture and natural resources. University of Tehran, Karaj, Iran.
- Ghasimi Hagh, Bijani, S., Bodaghi, H and Mostafavi, S. (2012). Ethical reflections and nanotechnology safety on food industry and packaging. The 1th national congress of nanotechnology and its application in agriculture and natural resources. University of Tehran, Karaj, Iran
- Aliloo, A., Ghasimi Hagh, and Bodaghi, H. (2012). Influences of nano clay and nano TiO<sub>2</sub> on the germination and seedling growth of barley. The 1th national congress of nanotechnology and its application in agriculture and natural resources. University of Tehran, Karaj, Iran.
- Saber, S., Ghasimi Hagh, Z., Mostafavi, S., Bodaghi, H. and Aliloo, A. (2012). Effects of nano materials on the germination and seedling growth of brassica seeds. The 1th national congress of nanotechnology and its application in agriculture and natural resources. University of Tehran, Karaj, Iran.

## Patants

- Abdulrasoul Oromiehie, Younes Mostofia, Bodaghi Hojatollah, Goushe Pegah, Ghasimi Hagh Ziba. (2011). Developing of a new packaging film with nanoparticles for preservation of the fresh horticultureal products.
- Abdulrasoul Oromiehie, Goushe Pegah, Bodaghi Hojatollah. (2010). Developing of a degradable nanocomposites prepared from polyethylene and corn starch.

<b>Teaching practice</b>	Degree	Levels	Credits
Course Title			
Principle of plant training	Horticultural Science	B.Sc	3
Postharvest cut flower	Horticultural Science	B.Sc	3
Horticulture	Horticultural Science	B.Sc	2
Plant growth substances	Horticultural Science	M.Sc	3
pomology	Horticultural Science	M.Sc	3

## Workshop

1. Using of genomic data in biotechnology (2007). National institute of genetic engineering and biotechnology.
2. Packaging plastics of food, medical and sanitation materials (2009). University of Tehran, Science and Technology Park.
3. Evaluation of the antimicrobial activity of polymeric films added with nano particles against microorganisms (2010). University of Foggia, Italy.

4. Performance of the permeability measurement of different kinds of polymeric films in order to evaluate the oxygen, carbon dioxide and water vapor barrier properties by using different tools (2010). University of Foggia, Italy.
  5. Counduction a shelf life test on horticulture products packaged in different kinds of polymeric films (2010). University of Foggia, Italy.
  6. Education of the Endnote software (2009). Imam Komeyni Higher Education Center, Karj.
  7. Education of the Paper writing in English language (2009). Imam Komeyni Higher Education Center, Karj.
  8. Train the Trainer (2009). Imam Komeyni Higher Education Center, Karj.
  9. Manufacturing of nano material (2011). University of Maragheh.
  10. Fundamental of nanotechnology and its application in agriculture (2011). University of Maragheh.
  11. Initial acquaintance to nanotechnology (2011). University of Maragheh.
  12. Scientific paper writing (2012). Eastern Mediterranean Health Genomics and Biotechnology Network (EMGEN).
- Bioinformatics workshop 2012). Molecular Medicine Network.

### **Supervisor**

1. Effect of conservation solutions on vase life of Alstromeria cut flower (Alestromeria spp.). 2010. (M.Sc)
2. Evaluation of the conservation solutions effect on vase life of Gladiolus cut flower. 2010. (M.Sc)
3. Evaluation of modified atmosphere packaging effects on physicochemical properties and sensory quality of tomatoes (*Lycopersicon esculentum*). 2013. (M.Sc)
4. Study on effect of different rootstocks and grafting methods on grafting success, performance and survival in grape (*Vitis Vinifera cv. Yaghoti*). 2013.

### **Advisor**

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