



## CURRICULUM VITAE

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### Academic qualifications

**MSc:** (1995) Master in Biochemistry, Institute of Biochemistry and Biophysics, University of Tehran

**BSc:** (1988) Bachelor in Microbiology, Faculty of Science, University of Tehran

### Research interests

Artificial diets for insect rearing  
Formulation of microbial pesticides  
Insect biochemistry

### Selected research projects

- Artificial diet for rearing the predatory stinkbugs *Andrallus spiniden* (F.) (Heteroptera: pentatomidae) (Research No. 88082)
- Artificial diet for rearing the green lacewing *Chrysoperla carnea* (Research No. 84114)
- Evaluation of the efficiency of biopesticide Naturalis L in controlling vegetable crops (Research No. 83095)
- Suspension concentrate formulation of *Bacillus thuringiensis* (Research No. 90066)

## Selected publications

### Journals papers:

- Mirhaghparast, S.K., Zibae, A. and **Hoda, H.** (2014) Effects of Pyriproxyfen on Intermediary Metabolism of Rice Striped Stem Borer, *Chilo suppressalis* Walker (Lepidoptera: Crambidae). Proceeding National Academy of Sciences, India section B: biological sciences. 1-11.
- Zibae, A., Alborzi, Z. and **Hoda, H.** (2014) A review on digestive TAG-lipases of insects. Achieves of phytopathology and plant protection 47, 2187-2192.
- Sorkhabi-Abdolmaleki, S., Zibae, A., **Hoda, H.** and Fazeli-Dinan, M. (2014) Purification and characterization of midgut alpha-amylase in a predatory bug, *Andrallus spinidens*. Journal of Insect Science. 14, 1-13.
- Gholamzadeh Chitgar, M., Hajizadeh, J., Ghadamyari, M., Malati, A. K. and **Hoda, H.** Cellular energy allocation in the predatory bug, *Andrallus spinidens* (F.) (Hemiptera: Pentatomidae), following sublethal exposure to diazinon, fenitrothion and chlorpyrifos. Journal of plant protection research. 54, 1, 1-6.
- Gholamzadeh Chitgar, M., Hajizadeh, J., Ghadamyari, M., Malati, A. K. and **Hoda, H.** (2013) Sublethal effects of diazinon, fenitrothion and chlorpyrifos on the functional response of predatory bug, *Andrallus spinidens* (F.) (Hem.: Pentatomidae) in the laboratory conditions. Journal of King Saud University Science.
- Sorkhabi-Abdolmaleki, S., Zibae, A., **Hoda, H.** and Fazeli-Dinan, M. (2013) Proteolytic compartmentalization and activity in the midgut of *Andrallus spinidens* (F.) (Hemiptera: Pentatomidae). Journal of Entomological and Acarological Research, 45, 33-41.
- Hoda, H.**, Elmi, F., and Elmi, M. (2013) Electrophoretic pattern and antibacterial activity of proteins from *Vicia faba* seed extract. International Journal of Molecular and Cellular Medicine. 2, 5, 1-4.
- Zibae, A., **Hoda, H.** and Fazeli-Dinan, M. (2012) A TAG-lipase activity in the salivary secretions of a predaceous bug, *Andrallus spinidens* Fabricius (Hemiptera: Pentatomidae). Trends in Entomology. 7, 27-32.
- Zibae, A., **Hoda, H.** and Fazeli-Dinan, M. (2012) Purification and biochemical properties of a salivary alpha amylase in *Andrallus spinidens* Fabricius (Hemiptera: Pentatomidae). Invertebrate Survival Journal 9, 48-57.
- Zibae, A., **Hoda, H.** and Fazeli-Dinan, M. (2012) Role of proteases in extra-oral digestion of a predatory bug, *Andrallus spinidens*. Journal of Insect Science 12, article 33.

## Conference papers:

-Jabbarui, L., Hoda, H., Morowati, M. and Afsali, A. (2002) Study of fungitoxic activity of neem (*Azadirachta indica*) extract compounds against *Fusarium oxysporum*. Proceeding of the 15th Iranian Plant Protection Congress. 7-11 Sept. pp: 166.

-Mahdiuni, S.H., Hoda, H., Soudi, Jallilvand, F., and Nemat-Gorgani, M. 2002. Optimization of Glucose oxidase synthesis in submerged cultures of *Aspergillus niger*. Proceedings of 6th Biochemistry Congress. 20-27 Oct.

-Elmi, M., Hoda, H. and Elmi, F. (2011) Abstract of the 2<sup>nd</sup> National and 1<sup>st</sup> International congress on cellular and molecular advances in non-contagious disease, Vo13, Suppl 2, May 16-18, pp: 36.

-Hoda, H., Naeimi, S., Farrokhi, S., Shahrokhi, S., Shokri Marzangoo, R., and Kalantari, M. (2010) Evaluation of the efficacy of Naturalis-L, a bio-insecticide, in controlling the sucking pests of greenhouse vegetable crops. Iranian plant protection congress. 31 July-3 August.

-Hassanzade, M., Rezapana, M., Shahrokhi-Khangah, S., Abdollah-Ahi, Gh., Dadpour-Moghanloo, H. and Hoda, H. (2012) A study of demographic parameters of a predatory bug, *Andrallus spinidens* (F.) (Hem.: Pentatomidae) on *Bombyx mori* (L.) (Lep.: Bombycidae) and *Galleria momellonella* (L.) under laboratory conditions. Proceeding of 20<sup>th</sup> Iranian plant protection congress, August 26-29, pp: 726.

## Thesis supervised

Sorkhabi-Abdolmaleki, S. 2013. Purification and characterization of midgut  $\alpha$ -amylase in a predatory bug, *Andrallus spinidens*. MSc thesis. College of Agriculture, University of Guilan, Iran.