

**Personal details:**

**First name:** Tayyebeh

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**Educational Background:**

**Ph.D. (2007-2013):** In Plant Pathology- virology, Tarbiat modarres University, Tehran-Iran.

**Title of thesis:** Phylogenetic analyses of *Cucurbit yellow stunting disorder virus* isolates, evaluation of native melon accessions for resistance and development of pathogen derived resistance in melon.

**M.Sc. (2000-2003):** In plant pathology, Faculty of Agriculture, Tarbiat modares University, Tehran, Iran.

**Title of thesis:** Etiology of cucurbit yellows in Boushehr Province

**B.Sc. (1996-2000):** In plant protection, Shahid Chamran University, Ahwaz-Iran.

### **Experience**

- 2013 to date Assistant Professor of plant virology department, Iranian Research Institute of Plant Protection, Tehran, Iran.
- 2003 to date Researcher at the Plant Virology Research Department, Iranian Research Institute of Plant Protection, Tehran, Iran .

### **PROJECTS:**

- Resistance assay of Cucumber accessions to *Cucurbit yellow stunting disorder virus* in Iran
- Molecular properties of some Iranian isolates of *Apple chlorotic leaf spot virus* with emphasis on development of a molecular detection system.
- Identification of main damaging viruses of pome fruits (specially, apple pear and quince) in Iran.
- Genetic Variation of Iranian Isolates of *Cucurbit yellow stunting disorder virus*.
- An investigation on distribution and determining the molecular properties of Apple stem pitting virus and Apple stem grooving virus in some apple growing regions of Iran
- Investigation of Infection status of native high yielding and adapted apple cultivars to Apple stem pitting virus and Apple stem grooving virus., Apple Chlorotic leaf spot virus.
- production of specific antibody against Apple stem pitting virus(ASPV) by applying recombinant coat protein
- Study on shade effect on incidence of some Banana and Papaya trees disease in Baluchestan.
- Study the infection and distribution of Tomato brown rugos fruit virus (ToBRFV) in tomato and pepper greenhouses/open fields in Iran.
- Elimination of Cucumber mosaic virus, Arabis mosaic virus and Cherry leaf roll virus by tissue culture method in two olive cultivars.

## PUBLICATIONS

- **T. Keshavarz**, and K. Izadpanah. 2005. Etiology of Cucurbit yellows in Boushehr Province. Iranian Journal of Plant Pathology.41:107-121
- K. Bananej, **T. Keshavarz**, A. Vahdat, G. Hosseini Salekdeh and M. Glasa .2008. Biological and Molecular Variability of Zucchini yellow mosaic virus in Iran. J. Phytopathology 28 Jun 2008
- R. Gholamalizadeh, A. Vahdat, **T. Keshavarz**, A. Elahinia, K. Bananej. 2008. Occurrence and Distribution of Ten Viruses Infecting Cucurbit Plants in Guilan. Acta virologica 52: 113 – 118.
- T. Keshavarz**, M. Shams-Bakhsh, and Sh. Norinejad, 2009. First report of *Apple chlorotic leaf spot virus* infection of apple trees in Iran. Journal of Plant Pathology 1:334
- T. Keshavarz**, M. Shams- Bakhsh and K. Izadpanah. 2013. Evaluation of reaction of some Iranian melon accessions to *Cucurbit yellow stunting disorder virus*. Iranian Journal of Plant Pathology, 49:229-239.
- **T. Keshavarz**, M. Shams-Bakhsh and K. Izadpanah. 2013. Occurrence and genome analysis of *Cucurbit chlorotic yellows virus* in Iran. Journal of phytopathology, DOI: 10.1111/jph.12212
- **T. Keshavarz**, M. Shams-Bakhsh and K. Izadpanah. 2013. Geographic Distribution and phylogenetic Analysis of *Cucurbit yellow stunting disorder virus* in Iran. Acta Virologica, 57(4):415-420

- **T. Keshavarz** and M. Shams-Bakhsh .2014. Occurrence and distribution of *Apple chlorotic leaf spot virus* in the main pome fruits growing areas of Iran. Journal of phytopathology and plant protection. Archives of Phytopathology and Plant Protection 48(4). DOI: 10.1080/03235408.2014.886852
- **T. Keshavarz**, and K. Izadpanah, 2004.Report of *Cucurbit yellow stunting disorder virus* (genus *crinivirus*) in Iran.16th Plant Protection Cong. Tabriz, Iran, p264
- **T. Keshavarz**, and K. Bananej.2018. Phylogenetic analysis of four Iranian Cucurbit yellow stunting disorder virus isolates based on 3' terminal region of RNA1. Appl. Ent. Phytopath. Vol. 85, No. 2,
- T. Keshavarz** and H. Hajnajari. 2020.Status of the Apple chlorotic leaf spot virus Infection in Native and Imported Apple Tree Cultivars in the National Collection of Kamalshahr Horticulture Research Station.doi/10.22067/JPP.V33I3.76550
- T. Keshavarz** and H. Hajnajari. 2021. Evaluation of apple cultivars to four pome fruit viruses in Iranian National Collection of Kamalshahr Horticulture Research Station, Karaj Archives of Phytopathology and Plant Protection, 1-15

**Training courses:**

- Phytosanitary control of vegetative planting materials under the FAO TCP project" Strengthening Seed &Plant Health Control Capabilities" 26-29october 2003.
- Modern Techniques for Plant Virus Diagnosis.17-19 July 2004.

**Research experiences and Skills:**

Molecular Biology and Biotechnology:

Immunology and Virology:

## **Society Memberships**

Iranian phytopathological Society