



## CURRICULUM VITAE

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### **Academic qualifications**

**MSc:** Plant pathology, University of Tehran, Iran, 1997

**BSc:** Plant Protection, Isfahan University of Technology, Iran, 1994

**Research interests:** Phyto bacteriology, Taxonomy & Plant Microbe

Interaction

**Selected research projects:**

- Study on bacterial pathogens causing seedling blight and soft rot disease in the rice nursery boxes of Mazandaran province
- Isolation, identification and evaluation of antagonistic features of *Streptomyces* spp. from paddy fields to control rice sheath blight disease
- Isolation, identification and evaluation of antagonistic features of *Streptomyces* spp. from paddy fields to control rice sheath blight disease
- Developing of rapid assay for detection of *Burkholderia gladioli* causal agent of saffron rot
- Identification, distribution and phylogeny of rice bacterial endophytes in paddy fields of northern Iran
- Investigation of bacterial causal agents of saffron rot disease in fields of Razavi and South Khorasan provinces

**Selected publications:**

**Journals papers:**

F Mohammadsour, M Khezri, A Ghasemi. 2021. Evaluation of various treatments on disinfection of tomato seeds infected with *Clavibacter michiganensis* subsp. *Michiganensis*. *Journal of Applied Research in Plant Protection* 10 (1), 61-74

H Hamidi Banayem, F Shahryari, A Ghasemi. 2020. Survey of fluorescent pseudomonads from rhizosphere and rhizoplane of tomato for

biocontrol of *Clavibacter michiganensis* subsp. *michiganensis*. *Journal of Crop Protection* 9 (3), 395-410.

Khezri, M., A Ghasemi, A Ahangaran. 2019. Detection and characterization of endophytic bacteria causing knot in young olive trees. *Acta agriculturae Slovenica* 113 (1), 109-119.

E Eshghpour, F Shahryari, A Ghasemi. 2018. The phenotypic and genotypic characteristics of causal agents of potato bacterial soft rot in Ardabil province of Iran. *Journal of Crop Protection* 7 (1), 109-119.

N Bagheri, H Mohamadi-Monavar, A Azizi, A Ghasemi. 2018. Detection of Fire Blight disease in pear trees by hyperspectral data. *European Journal of Remote Sensing* 51 (1), 1-10.

A Abdolmaleki, ZT Maafi, HR Dastjerdi, B Naseri, A Ghasemi. 2017. Immune defense of *Pieris brassicae* larvae in challenged with *Heterorhabditis bacteriophora*, its symbiotic bacteria and metabolites. *Invertebrate Survival Journal* 14 (1), 73-84

R Rezaee, S Jamshidi, A Ghasemi. 2016. Antibacterial potential of *Aloe vera* against *Pectobacterium carotovorum* subsp. *carotovorum* the causal agent of potato soft rot. *BioControl in Plant Protection* 4 (1), 53-63.

A Abdolmaleki, Z Tanha Maafi, H Rafie Dastjerdi, B Naseri, A Ghasemi. 2016. Isolation and identification of entomopathogenic nematodes and

their symbiotic bacteria from Kurdistan province in Iran. *Journal of Crop Protection* 5 (2), 259-271

MR Mirzaee, H Mahmoudi, R Zare, GR Hadarbadi, A Ghasemi. 2014. *Geosmithia lavendula*, a new record for mycobiota of Iran. *Mycologia Iranica* 1 (2), 121-122.

S Tajalipour, N Hassanzadeh, H Khabbaz Jolfaee, A Heydari, A Ghasemi. 2014. Biological control of mushroom brown blotch disease using antagonistic bacteria. *Biocontrol Science and Technology* 24 (4), 473-484

S Sayad, N Hassanzadeh, E Nazerian, A Ghasemi. 2014. Diversity among bacterial isolates of *Pectobacterium* and *Dickeya* causing soft rot of ornamental plants in Western Mazandaran, Iran.. *International Journal of Agriculture and Forestry* 4 (1), 41-45.

ST Tafti, N Hassanzadeh, A Ghasemi, E Nazerian. 2014. Characterization of *Pseudomonas syringae* from peach trees in Mazandran province. *International Journal of Agriculture and Forestry* 4 (3), 184-189.

S Safarpour Kapourchali, A Alizadeh Aliabadi, A Ghasemi, SE Sadeghi.. 2013. Comparing the antibacterial effects of Iranian oak galls extract on some Gram-positive and Gram-negative plant pathogenic bacteria. *BioControl in Plant Protection* 1 (2), 27-40.

M. Karami, A. Marefat and A. Ghasemi. 2011. Identification of soil inhabiting bacteria of vineyards in Zanzan province and investigation of their antagonistic

effect on *Rhizobium vitis* the causal agent of root and crown gall (text in Persian). *Journal of Applied Entomology & Phytopathology*, 81, No.1.

Sayad, S., Hassanzadeh, N., Ghasemi, A., Nazerian, E. 2013. The management of soft rot disease of *Syngonium* caused by *Pectobacterium carotovorum* using some essential oils and antibiotics under laboratory and greenhouse conditions Iranian (text in Persian). *Journal of Medicinal and Aromatic Plants*; 28(4 (58)); 730-740.

Azemi, F., Khodakaramian, Gh., Bagheri, A. and Ghasemi, A. 2011. rppcr pattern of the strains of *Pectobacterium* isolated from potato soft rot and black leg diseases in Hamedan province (text in Persian) *Agricultural Biotechnology*, 10,1, 47-52.

Shami M., A. Ghasemi. A. Alizade ali-Abadi. A. Eskandari. 2013. Genetic diversity and phylogenetic study of *Xanthomonas arboricola* pv. *juglandis* cause of walnut bacterial blight disease. *Journal of Nut and Related Sciences*,

In Press. -E. Gerami, N. Hassanzadeh, H. Abdollahi, A. Ghasemi and A.

Heydari 2013. evaluation of some bacterial antagonists for biological control of fire blight disease. *Journal of Plant Pathology*, 95(1), 127- 134.

Ansari Dezfooli N., N. Hasanzadeh and A. Ghasemi 2013. First report of brown blotch of *agaricus bisporus* caused by *Pseudomonas reactans* in Iran.

*International Journal of Agriculture: Research and Review*. Vol. , 3 (2), 315-318,

Razaghi A., N. Hasanzadeh and A. Ghasemi. 2012. Characterization of *Xanthomonas citri* subsp. *malvacearum* strains in Iran. African journal of microbiology research, 6(6):1165-1170.

Ghasemi A., M. Rostami and T. Yazdaninia. 2012. In Vitro antagonistic and biodegradation activity of a newly Isolated *Delftia tsuruhatensis* from rice plant in Iran. International Journal of Agriculture and Crop Sciences. 4(2) 40-44.

Ansari Dezfooli N., N. Hasanzadeh; M. B. Rezaee and A. Ghasemi. 2012. Antibacterial activity and chemical compositions of *chamaemelum nobile* essential oil/extracts against *Pseudomonas tolaasii*, the causative agent of mushroom brown blotch. Annals of Biological Research, 3 (6):2602-2608

Rahmanifar B., N. Hasanzadeh, J. Razmi & A. Ghasemi. 2012. Genetic diversity of Iranian potato soft rot bacteria based on polymerase chain reaction-restriction fragment length polymorphism (PCR-RFLP) analysis. African Journal of Biotechnology Vol. 11(6), pp. 1314-1320.

Saeedi, Marefat, Behboudi & Ghasemi 2010 Phenotypic and genetic characteristics of *Xanthomonas citri* subsp. *malvacearum*, causal agent of cotton blight, and identification of races in Iran. Australasian Plant Pathology, 39, 440–445.

Deljou, Mousaviehzade, Ghasemi & Rahimian I. 2010. Identification of *Mycobacterium* sp. as an alfalfa root bacterial endophytes using 16S rRNA gene sequencing analysis. International Journal of Pharma and Bio Sciences, V1 (2), 1-8.

Baradaran, Gh., and A., Ghasemi. 2009. Introducing *Bacillus licheniformis* as the causal agent of pistachio dieback in Iran. *Archives of Phytopathology and Plant Protection*, 1–5,

Rashidi M., N. Habili & A.Ghasemi. 2010. First report of a stolbur *Phytoplasma* associated with witches' broom of Japanese spindle (*Euonymus japonicus*). *Plant Pathology*, 59(4), 796.

Nazari, F., G. R. Niknam, A. Ghasemi, S. M. Taghavi, H. Momeni and S. Torabi. 2007. An investigation on strains of *Clavibacter michiganensis* subsp. *michiganensis* in north and North West of Iran. *J. Phytopathology* 155, 563–569.

Aram, F. , G. H. Shahidi Bonjar, M. J. Mahdavi, S. Mansouri, P. Rashid Farrokhi, N. Bana Hosein Pour, M. Shekari, A. Ghasemi, S. Aghighi. 2006. Anti-*Streptomyces* activity of *Myrthus communis* and *Terminalia chebula*, medicinal plants of south East regions of Iran. *Journal of Applied Science*, 6(3), 654-656.

Kalantar Zadeh, M. , G. H. Shahidi Bonjar, P. Rashid Farrokhi, A. Ghasemi, S. Aghighi and M. J. Mahdavi. 2006. Antagonistic potential of two native *Streptomyces* strains in biocontrol of the major casuals of common scab of potato in Iran. *Asian Journal of Plant Science* 5 (1), 5-8.

Mohammadi, M., A.Ghasemi and H. Rahimian. 2001. Phenotypic characterization of Iranian strains of *Pseudomonas syringae* pv. *Syringae* Van Hall, the causal agent of bacterial canker disease of stone fruit trees. *J. Agric. Sci. Technol.* Vol. 3: 51-65

**Conference papers:**

**Books:**

**Theses supervised:**

**Software and E-publications:**

**Other achievements:**