

2006 – 2010
Alzahra University
Bachelor's degree
Molecular & Cellular Biology (Biotechnology)

2010 – 2012
Shahid Beheshti University
Master's degree
Microbiology

2012 – 2017
University of Tehran
PhD student
Microbiology

2018 – Present
Damghan University
Assistant Professor

Publications

Salimi F, Eftekhari F. Prevalence of bla_{AbstractP} and bla_{VIM} gene carriage in metallo-β-lactamase-producing burn isolates of *Pseudomonas aeruginosa* in Tehran. *Turkish journal of medical sciences*. 2014 Apr 18;44(3):511-4.

Bahmani M, Noorzad A, Hamedi J, Salimi F. The role of *Bacillus pasteurii* on the change of parameters of sands according to temperature compression and wind erosion resistance. *Journal CleanWAS*. 2017 Jan 11;1(2):1-5.

Salimi F, Eftekhari F. Coexistence of Amp^C and extended-spectrum β-lactamases in metallo-β-lactamase producing *Pseudomonas aeruginosa* burn isolates in Tehran. *Jundishapur Journal of Microbiology*. 2013 Oct;6(8).

Salimi F, Hamedi J, Motevaseli E, Mohammadipanah F. Isolation and screening of rare Actinobacteria, a new insight for finding natural products with antivasculature calcification activity. *Journal of applied microbiology*. 2018 Jan;124(1):254-66.

Janani N, Zare EN, Salimi F, Makvandi P. Antibacterial tragacanth gum-based nanocomposite films carrying ascorbic acid antioxidant for bioactive food packaging. *Carbohydrate Polymers*. 2020 Nov 1;247:116678.

Mohammadipanah F, Salimi F. Potential biological targets for bioassay development in drug discovery of Sturge–Weber syndrome. *Chemical biology & drug design*. 2018 Feb;91(2):359-69.

Salimi F, Jafari-Nodooshan S, Zohourian N, Kolivand S, Hamed J. Simultaneous anti-diabetic and anti-vascular calcification activity of *Nocardia* sp. UTMC 751. *Letters in applied microbiology*. 2018 Feb;66(2):110-7.

Abdollahi Z, Zare EN, Salimi F, Goudarzi I, Tay FR, Makvandi P. Bioactive Carboxymethyl Starch-Based Hydrogels Decorated with CuO Nanoparticles: Antioxidant and Antimicrobial Properties and Accelerated Wound Healing In Vivo. *International journal of molecular sciences*. 2021 Jan;22(5):2531.

Salimi F, Hamed J, Motevaseli E, Mohammadipناه F. Coexistence of anticoagulant and anti-vascular calcification activities in *Kribbella* sp. UTMC 267 metabolites. *Iranian journal of pharmaceutical research: IJPR*. 2019;18(1):459.

Salimi F, Mohammadipناه F. Nanomaterials Versus The Microbial Compounds With Wound Healing Property. *Frontiers in Nanotechnology*. 2021 Jan 28;2:21.

Mohammadipناه F, Kermani F, Salimi F. Awakening the Secondary Metabolite Pathways of *Promicromonospora kermanensis* Using Physicochemical and Biological Elicitors. *Applied Biochemistry and Biotechnology*. 2020 Dec;192(4):1224-37.

Ramezanzadeh M, Saeedi N, Mesbahfar E, Farrokh P, Salimi F, Rezaei A. Design and characterization of new antimicrobial peptides derived from aurein 1.2 with enhanced antibacterial activity. *Biochimie*. 2021 Feb 1;181:42-51.

Farrokh P, Salimi F. In silico Analysis of Determinant Factors in Microbial Protease Thermostability. *Journal of Cell and Molecular Research*. 2020 Mar 1;11(2):66-81.

Salimi F, Matinnejad A, Farrokhnia H, Nosratzade M. Software Development for Auto-Evaluation of Toxicity of Bioactive Compounds by *Artemia* spp. Test. *Journal of Cellular and Molecular Research (Iranian Journal of Biology)*. 2019 Dec 23.

Current teaching

Microbial Biology

Immunology

Virology

Biotechnology