

Curriculum Vitae

Personal Details

Name: Mojtaba Taran

Marital Status: Married

Address: Dept of Biology, Faculty of science, Razi University,

Bagh Abrisham 6714967346, Kermanshah, Iran.

Email: mtaran@razi.ac.ir, mojtabataran@yahoo.com

Education

2003 - 2007 Tehran University of Medical Science, Iran, Ph.D. in Microbiology.

2001 - 2003 Tehran University of Medical Science, Iran, M.Sc. in Microbiology.

1997 - 2001 Razi University, Iran, B.Sc. in Biology.

Work experience

2007- to date-Worked as assistant professor at Razi University.

Courses taught

Biotechnology

General microbiology

Food microbiology

Virology

Parasitology

Membership

Society for Industrial Microbiology

Iranian Society for Microbiology

Iranian Society for Parasitology

Awards

Distinguished researcher at Razi University for year 2010.

Outstanding Graduate Student (M.Sc.) Award, Tehran University, School of Public Health and Institute of Public Health, 2002.

Outstanding Graduate Student (Ph.D.) Award, Tehran University, School of Public Health and Institute of Public Health, 2007.

First person in Iranian M.Sc. Entrance Exam, 2001.

First person in Iranian Ph.D. Entrance Exam, 2003.

Ad-Hoc Reviewer

Biotechnology Progress

Clean Technology and Environmental Policy

Journal of Cleaner Production

World Academy of Science, Engineering and Technology

Global Research Journal of Microbiology

Iranian South Medical Journal

African Journal of Biotechnology

Research Projects

Survey of carbon source effect on in vitro production of Polyhydroxybutyrate

The optimization of Polyhydroxybutyrate production from petrochemical wastewater by the bacterium

Survey industrial production of drug and bioplastic materials from oil by endemic microorganisms

Biosurfactant production by halophilic bacteria in high salt conditions

Production of 3-aminoimidazo[1,2-a]pyridines and survey pharmaceutical properties

Production of 1-aminoimidazo[5,1-a]isoquinolinium and survey pharmaceutical properties

Publications

Books:

1. Influenza: Human and Avian Translated by M.Taran, 2009.

Peer reviewed papers

[Transparent film and electrospun PVA-HA nanofibers incorporated MSNs loaded TET/ERY for wound healing: characterization and in vitro study](#)

M Abdoli, G Mohammadi, M Taran, F Martinez
Scientific Reports 2026

[Polymer-modified metal/metal oxide nanoparticles with anticancer activity against lung cancer and](#)

antibacterial effect on *Pseudomonas aeruginosa*

M Taran, S Imad Ali, M Alavi

Micro Nano Bio Aspects 2026, 4 (4), 1-8

Sandy Soils Stabilization Using Calcite Microbial Deposition

A Saffari, M Sharifipour, J Khazaie, M Taran

Advanced Modeling in Civil Engineering 2025, 2 (1), 66-80

Meta-analysis of antibiotic resistance of *Klebsiella pneumoniae* isolates in the Middle East

N Tork, M Taran, M Alavi

Micro Nano Bio Aspects 2025, 4 (2), 14-33

A microelectrode system for simple measurement of neuron specific enolase with photolithography technique

K Sadrjavadi, M Taran, A Fattahi, A Khoshroo

Microchemical Journal 2022, 182, 107889

A review on anticancer, antibacterial and photo catalytic activity of various nanoparticles synthesized by probiotics

M Abdoli, G Mohammadi, K Mansouri, S Khaledian, M Taran, F Martinez

Journal of biotechnology 354, 63-71

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A review on anticancer, antibacterial and photo catalytic activity of various nanoparticles synthesized by probiotics

M Abdoli, G Mohammadi, K Mansouri, S Khaledian, M Taran, F Martinez

Journal of biotechnology 354, 63-71

Antibacterial, antifungal, antiviral, and photocatalytic activities of TiO₂ nanoparticles, nanocomposites, and bio-nanocomposites: Recent advances and challenges

MR Amiri, M Alavi, M Taran, D Kahrizi

Journal of Public Health Research 11 (2), 22799036221104151

Preparation of bacterial cellulose fungicide nanocomposite incorporated with MgO nanoparticles

M Safaei, M Taran

Journal of Polymers and the Environment 30 (5), 2066-2076

Benefits and application of nanotechnology in environmental science: an overview

M Taran, M Safaei, N Karimi, A Almasi

Biointerface Research in Applied Chemistry 11 (1), 7860-7870

Electrochemical system designed on a copper tape platform as a nonenzymatic glucose sensor

A Khoshroo, K Sadrjavadi, M Taran, A Fattahi

Sensors and Actuators B: Chemical 325, 128778

The assessment of selected MiRNAs profile in HIV, HBV, HCV, HIV/HCV, HIV/HBV Co-infection and elite controllers for determination of biomarker

S Yousefpouran, S Mostafaei, PV Manesh, E Iranifar, F Bokharaei-Salim, ...
Microbial pathogenesis 147, 104355

Comparison of in vitro antifungal activity of novel triazoles with old antifungal agents against dermatophyte species caused tinea pedis (vol 30, 100935, 2020)

Z Salehi, N Fatahi, M Taran, A Izadi, H Badali, SJ Hashemi, S Rezaie, ...
JOURNAL DE MYCOLOGIE MEDICALE 30 (3)

Erratum to" Comparison of in vitro antifungal activity of novel triazoles with old antifungal agents against dermatophyte species caused tinea pedis"[J. Mycol. Med. 30 (2020 ...

Z Salehi, N Fatahi, M Taran, A Izadi, H Badali, SJ Hashemi, S Rezaie, ...
Journal de mycologie medicale 30 (3), 101006

Optimum synthesis of polyhydroxybutyrate-Co3O4 bionanocomposite with the highest antibacterial activity against multidrug resistant bacteria

M Safaei, M Taran, L Jamshidy, MM Imani, HR Mozaffari, R Sharifi, ...
International Journal of Biological Macromolecules 158, 477-485

Comparison of in vitro antifungal activity of novel triazoles with available antifungal agents against dermatophyte species caused tinea pedis

Z Salehi, N Fatahi, M Taran, A Izadi, H Badali, SJ Hashemi, S Rezaie, ...
Journal de mycologie medicale 30 (2), 100935

Application of Taguchi method in the optimization of synthesis of cellulose-MgO bionanocomposite as antibacterial agent

M Safaei, M Taran, MM Imani, H Moradpoor, F Rezaei, L Jamshidy, ...
Green Sciences 21 (4), 116-122

Preparation, structural characterization, thermal properties and antifungal activity of alginate-CuO bionanocomposite

M Safaei, M Taran, MM Imani
Materials Science and Engineering: C 101, 323-329

Skin bacterial microflora of two closely related mountain newts (Salamandridae)–the Yellow-spotted mountain newt Neurergus derjugini and the Kaiser's mountain newt Neurergus ...

S Vaissi, M Sharifi, A Hernandez, S Nikpey, M Taran
International Zoo Yearbook 53 (1), 227-237

In vitro evaluation of anticancer activity of sodium hyaluronate-titanium dioxide bionanocomposite

M Safaei, M Taran, MM Imani, H Moradpoor, A Golshah, P Upadhyay
Current Issues in Pharmacy and Medical Sciences 32 (2), 99-103

