

Tatevik Armen Manutsyan

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Faculty of Biology

Chair of Biochemistry, Microbiology, and Biotechnology

Senior laboratory assistant

Education

Institution	Yerevan State University
Faculty	Biology / Applied Microbiology
Date	2021 - 2023
Degree name	Masters

Institution	Yerevan State University
Faculty	Biology / Biochemistry, microbiology and biotechnology
Date	2017 - 2021
Degree name	Bachelor

Language skills

Русский Հայերեն English

Work experience

Institution	Yerevan State University
Period of time	2022 till now
Rank/degree	Senior Laboratory Assistant

Institution	YSU, Research Institute of Biology
Period of time	2021 till now
Rank/degree	Senior Laboratory Assistant

Institution	Kh. Buniatyan Institute of Biochemistry
Period of time	2021 - 2022
Rank/degree	Senior Laboratory Assistant

Publications

Article

A novel approach for synthesizing silver nanoparticles with antibacterial and cytotoxic activities using the leaf extract of hydroponically grown *Moringa oleifera*

Anush Aghajanyan, Marina Timotina, Tatevik Manutsyan, Ani Harutyunyan, Mikayel Ginovyan,

Article

Gold nanoparticles activate hydrogenase synthesis and improve heterotrophic growth of *Ralstonia eutropha* H16

Tatevik Manutsyan, Syuzanna Blbulyan, Anait Vassilian, Tatiana Semashko, Gayane Kirakosyan,

Lilit Gabrielyan, Karen Trchounian, Anna Poladyan

FEMS Microbiology Letters 2024 1-8

Conference

The cytotoxicity and antibacterial activity of *Moringa oleifera*-mediated silver nanoparticles

M. Timotina, T. Manutsyan, M. Ginovyan, K. Trchounian, L. Gabrielyan, A. Aghajanyan

2024 442-442

<https://2024.febscongress.org/>

Conference

Influence of UV-irradiation on lipid peroxidation processes and the activity of plasmatic and mitochondrial ATPases of yeasts *Candida guilliermondii* NP-4

S. Marutyan, H. Karapetyan, S. Marutyan, A. Muradyan, T. Manutsyan

2024 518 - 518

<https://febs.onlinelibrary.wiley.com/doi/10.1002/2211-5463.13856>

Conference

Green synthesis of silver nanoparticles and their effect on the energy-dependent H⁺ -fluxes across the bacterial membrane

M. Timotina, T. Manutsyan, A. Aghajanyan, K. Trchounian, L. Gabrielyan

2023 124-124

<https://2023.febscongress.org/>

Conference

Characteristic effects of gold nanoparticles on growth and H₂ metabolism of *Ralstonia eutropha* H16 and *Escherichia coli*

Anna Poladyan, Tatev Manutsyan, Meri Iskandaryan, Syuzanna Blbulyan, Anait Vassilian,

Tatiana Semashko

2023 358 - 358

<https://www.fems2023.org/>
