Tatevik Armen Manutsyan

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Faculty of Biology
Chair of Biochemistry, Microbiology, and Biotechnology
Senior laboratory assistant

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Faculty of Biology
Research Institute of Biology
Basic and Pathological Biochemistry Laboratory
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, Robin Schubert, Sofiya Aydinyan, Karen Trchounian, Lilit Gabrielyan, Liana Gabrielyan

Scientific Reports 2025 1-18

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 oy 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/