

Silvard Karen Tadevosyan

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Faculty of Biology

Chair of Biochemistry, Microbiology, and Biotechnology

Senior laboratory assistant

Education

Institution	Yerevan State University
Faculty	Faculty of Biology, Department of Biochemistry Microbiology and Biotechnology
Date	2023 - 2025
Degree name	PhD student

Institution	Yerevan State University
Faculty	Faculty of Biology, Department of Biochemistry Microbiology and Biotechnology
Date	2021 - 2023
Degree name	Masters

Institution	Yerevan State University
Faculty	Faculty of Biology, Department of Biophysics
Date	2017 - 2021
Degree name	Bachelor

Language skills

Русский English

Participation in international conferences and seminars

29/06/2024 - 03/07/2024	The 48th FEBS Congress 2024 Italy
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26/08/2024 - 31/08/2024	The 22nd European Bioenergetics Conference EBEC 2024 Austria
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Publications

Article

**Influence of menthol on membrane-associated properties of tetracycline-resistant
*Escherichia coli***

Silvard Tadevosyan, Naira Sahakyan

AIMS Biophysics 2024 329-339

Article

**CHEMICAL COMPOSITION AND ANTIBACTERIAL ACTIVITY OF ESSENTIAL OIL OF MENTHA
ARVENSIS L. HARVESTED AT HIGH ALTITUDE ARMENIAN FLORA**

S. K. TADEVOSYAN, A. H. SHIRVANYAN, A. A. MARKOSIAN, M. T. PETROSYAN, N. Zh. SAHAKYAN

Proceedings of the YSU B: Chemical and Biological Sciences 2023 230-237

Conference

**From metabolomics to medicine: exploiting the functional potential of plant extracts in
human health, with emphasis on Ribes nigrum, Ficus carica and Vitis vinifera**

S. Tadevosyan, M. Ginovyan, N. Avtandilyan, A. Shirvanyan, A. Bartoszek, N. Sahakyan

Conference

**Harnessing plant extracts to overcome antibiotic resistance: leaf extracts of Ribes nigrum,
Ficus carica, and Vitis vinifera as resistance modifiers of E. coli strains**

M. Ginovyan, A. Shirvanyan, S. Tadevosyan, A. Babayan, B. Kusznierevich, N. Avtandilyan, A. Bartoszek,

N. Sahakyan

Conference

Impact of menthol on ATPase activity and ion flux in antibiotic-resistant Escherichia coli

Silvard K. Tadevosyan, Anahit Shirvanyan, Karen Trchounian, Naira Sahakyan
