

# Silvard Karen Tadevosyan

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## Faculty of Biology

Chair of Biochemistry, Microbiology, and Biotechnology

Senior laboratory assistant

## Education

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

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

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

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## Language skills

Русский English

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## Participation in international conferences and seminars

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**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

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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

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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

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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

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Conference

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

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

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