

# 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 - 2023
<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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## 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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