

# Силвард Кареновна Тадевосян

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## Биологический факультет

Кафедра биохимии, микробиологии и биотехнологии

Старший лаборант

## Образование

Учреждение	Ереванский государственный университет
Факультет	Факультет биологии, кафедра биохимии, микробиологии и биотехнологии
Дата	2023 - 2025
Степень / Звание	Аспирант

Учреждение	Ереванский государственный университет
Факультет	Факультет биологии, кафедра биохимии, микробиологии и биотехнологии
Дата	2021 - 2023
Степень / Звание	Магистр

Учреждение	Ереванский государственный университет
Факультет	Факультет биологии, кафедра биофизики
Дата	2017 - 2021
Степень / Звание	Бакалавр

## Знание языков

Русский English

## Участие в международных конференциях и семинарах

14/07/2025 - 17/07/2025	FEMS Micro 2025 Италия
24/09/2025 - 26/09/2025	«Биологические науки и экологические решения для достижения целей устойчивого развития» первая научная конференция ЕГУ Армения
29/06/2024 - 03/07/2024	48-й Конгресс FEBS 2024 Италия
26/08/2024 - 31/08/2024	22-я Европейская биоэнергетическая конференция EBEC 2024 Австрия

Статья

**The potential of blackcurrant, fig, and grape leaf extracts in the development of new preparations for overcoming antibiotic resistance and enhancing the efficacy of chemotherapeutic agents**

Mikayel Ginovyan, Silvard Tadevosyan, Anahit Shirvanyan, Anush Babayan, Barbara Kusznierevicz, Izabela Koss-Mikołajczyk, Marika Mróz, Agnieszka Bartoszek, Naira Sahakyan

BMC Complementary Medicine and Therapies 2025 1-54

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Статья

**Menthol's disruptive effects on kanamycin-resistant *Escherichia coli* energy metabolism and ion fluxes**

Silvard Tadevosyan, Siranuysch Grabska, Hovakim Grabski, Ruben Abagyan, Karen Trchounian,

Naira Sahakyan

Biophysical Reports 2025 100240

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Статья

**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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Статья

**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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Конференция

**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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Конференция

**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. Kusznierevicz, N. Avtandilyan, A. Bartoszek,

N. Sahakyan

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Конференция

**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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Конференция

**Modulation of antibiotic resistance by quercetin and catechins in *E. coli* DH5 $\alpha$ -pUC18 and *E. coli* pARG-25: a potential approach for overcoming antibiotic resistance**

Alvard Minasyan, Aram Aramyan, Silvard Tadevosyan, Anush Babayan, Naira Sahakyan

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*Конференция*

**Modulating antibiotic efficacy: the role of Teucrium polium in disrupting bacterial resistance mechanisms**

Silvard Tadevosyan, Anush Babayan, Mikayel Ginovyan, Naira Sahakyan

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*Конференция*

**Influence of Menthol on Ion Fluxes and Atpase Activity in Antibiotic-Resistant E. Coli Under Aerobic and Anaerobic Conditions**

Silvard Tadevosyan, Anahit Shirvanyan, Karen Trchounian, Naira Sahakyan

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*Конференция*

**Antibiotic Activity of Plant Metabolites and Possibilities of Their Application**

Aram Aramyan, Silvard Tadevosyan, Alvard Minasyan, Anush Babayan, Naira Sahakyan

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*Конференция*

**Comprehensive Assessment of the Biological and Chemical Properties of Ficus carica Leaf Ethanolic Extract**

Naira Vardanyan, Alvard Minasyan, Silvard Tadevosyan, Anush Babayan, Karen Trchounian,

Naira Sahakyan

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*Конференция*

**Antibiotic Potential of Mentha Arvensis Extract**

Sona Sargsyan, Silvard Tadevosyan, Anush Babayan, Alvard Minasyan, Andranik Davinyan,

Armenuhi Moghrovyan, Naira Sahakyan

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