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Образование

Учреждение	Ереванский государственный университет
Факультет	Факультет биологии, кафедра биохимии, микробиологии и биотехнологии
Дата	2023 - 2026
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

Публикации

Статья

The antibacterial effect of Tanacetum argyrophyllum essential oil on kanamycin-resistant Escherichia coli by disruption of energy metabolism and proton fluxes
Lusine Margaryan, Silvard Tadevosyan, Armen Sahakyan, Karen Trchounian, Naira Sahakyan

Scientific Reports 2026 13576

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Disruption of bacterial redox homeostasis by Tanacetum argyrophyllum essential oil in antibiotic-sensitive and resistant Escherichia coli
Lusine Margaryan, Silvard Tadevosyan, Karen Trchounian, Naira Sahakyan

AIMS Biophysics 2026 189 - 203

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Статья

Antibiotic Activity of Plant Metabolites and Possibilities of Their Application
Aram Aramyan, Silvard Tadevosyan, Alvard Minasyan, Anush Babayan, Naira Sahakyan

Biological Science and Innovation for Achieving the Sustainable Development Goals 2026 283 - 301

https://doi.org/10.4018/979-8-3373-1524-9.ch014

Конференция

Disruption of bacterial redox homeostasis by Tanacetum argyrophyllum essential oil in antibiotic-susceptible and resistant Escherichia coli
Lusine Margaryan, Silvard Tadevosyan, Սոնա Սարգսյան, Karen Trchounian, Naira Sahakyan

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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 Kusznierewicz, Izabela Koss-Mikołajczyk, Marika Mróz, Agnieszka Bartoszek, Naira Sahakyan

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Antioxidant and Antibiotic-modulatory Potential of Teucrium polium Ethanolic Extract Against Genetically-modified Antibiotic-resistant E. coli Strains
Silvard Tadevosyan, Anush Babayan, Naira Sahakyan

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

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

Naira Sahakyan

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Конференция

Modulation of antibiotic resistance by quercetin and catechins in E. coli DH5α-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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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

2025 152 - 152

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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

2025 52 - 52

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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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Antibiotic Potential of Mentha Arvensis Extract

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

Armenuhi Moghrovyan, Naira Sahakyan

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Статья

Influence of menthol on membrane-associated properties of tetracycline-resistant Escherichia coli
Silvard Tadevosyan, Naira Sahakyan

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

N. Sahakyan

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

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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
