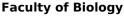
## Silvard Karen Tadevosyan

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Chair of Biochemistry, Microbiology, and Biotechnology Senior laboratory assistant

#### Education

Institution Yerevan State University

**Faculty** Faculty of Biology, Department of Biochemistry Microbiology and Biotechnology

2023 - 2025 **Date** PhD student Degree name

Institution Yerevan State University

**Faculty** Faculty of Biology, Department of Biochemistry Microbiology and Biotechnology

2021 - 2023 **Date** Degree name Masters

Institution Yerevan State University

Faculty of Biology, Department of Biophysics **Faculty** 

2017 - 2021 Date Bachelor Degree name

# Language skills

Русский English

# Participation in international conferences and seminars

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

### Publications

Article

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 BMC Complementary Medicine and Therapies 2025 1-54

#### 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. Kusznierewicz, 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