

# Gayane Grigor Mikoyan

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## Research Institute of Biology

Laboratory of Microbiology, Bioenergetics and Biotechnology

Junior Researcher

## 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>	2019 - 2021
<b>Degree name</b>	Masters

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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>	2015 - 2019
<b>Degree name</b>	Bachelor

## Language skills

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Հայերեն Русский English

## Work experience

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<b>Institution</b>	Yerevan State University
<b>Period of time</b>	2024 till now
<b>Rank/degree</b>	Junior researcher

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<b>Institution</b>	"Esco-Pharm" LTD
<b>Period of time</b>	2021 - 2024
<b>Rank/degree</b>	chemist

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<b>Institution</b>	"JERMUK INTERNATIONAL PEPSI-COLA BOTTLER" (LLC)
<b>Period of time</b>	2019 - 2020
<b>Rank/degree</b>	chemist-microbiologist

## Scientific interests

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- Biochemistry, Bioenergetics, Microbiology and Biotechnology

## Publications

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*Article*

**Fermentation of Sugar Beet Pulp by E. coli for Enhanced Biohydrogen and Biomass Production**

Gayane Mikoyan, Liana Vanyan, Akerke Toleugazykyzy, Roza Bekbayeva, Kamila Baichiyeva, Kairat Bekbayev, Karen Trchounian

Energies 2025 2648

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*Article*

**Microbial Valorization of Sunflower Husk for Sustainable Biohydrogen and Biomass Production**

Llana Vanyan, Akerke Toleugazykyzy, Kaisar Yegizbay, Ayaulym Daniyarova, Lyudmila Zuloyan, Gayane Mikoyan, Anait Vassilian, Anna Poladyan, Kairat Bekbayev, Karen Trchounian

Energies 2025 3885

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*Conference*

**Growth and Hydrogen Production of Escherichia Coli BW25113 in Mixtures of Sugar Beet Pulp and Sugar Beet Molasses**

Gayane Mikoyan, Liana Vanyan, Karen Trchounian, Kamila Baichiyeva, Kaisar Yegizbay, Kairat Bekbayev

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