Lilit Gnel Grigoryan

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Research Institute of Biology
Laboratory of Microbiology, Bioenergetics and Biotechnology
Senior laboratory assistant

Education

Institution	Yerevan State University
Faculty	Department of Biochemistry, Microbiology and Biotechnology of Faculty of Biology, YSU
Date	2025 - 2025
Degree name	PhD student

Institution	Yerevan State University
Faculty	Department of Biochemistry, Microbiology and Biotechnology of Faculty of Biology, YSU
Date	2023 - 2025
Degree name	Masters

Institution	Yerevan State University
Faculty	Department of Biochemistry, Microbiology and Biotechnology of Faculty of Biology, YSU
Date	2019 - 2023
Degree name	Bachelor

Language skills

Հայերեն Русский English

Work experience

Institution	Laboratory of Microbiology, Bioenergetics and Biotechnology of YSU Research Institute of Biology
Period of time	2023 till now
Rank/degree	Researcher at 23LCG-1F003 “The role of global regulators and transcriptional activators in the regulation of metabolic and bioenergetic parameters of microorganisms under conditions of fermentation and respiration” research grant

Institution	Laboratory of Microbiology, Bioenergetics and Biotechnology of YSU Research Institute of Biology
Period of time	2023 till now

Rank/degree	Senior laboratory assistant

Scientific interests

- microbiology
- biotechnology
- bioenergetics

Participation in international conferences and seminars

24/09/2025 - 26/09/2025	Biological Sciences and Environmental Solutions for the Achievement of Sustainable Development Goals Yerevan State University Armenia
14/07/2025 - 17/07/2025	FEMS MICRO Milan 2025 Italy
26/08/2024 - 31/08/2024	22nd European Bioenergetics Conference University of Innsbruck Austria

Publications

Article

Escherichia coli FocA/B-dependent H+ and K+ fluxes: Influence of exogenous versus endogenous formate

Lilit Grigoryan, Anush Babayan, Anait Vassilian, Anna Poladyan, Gary Sawers, Karen Trchounian

Biophysical Reports 2025 100225

Conference

The role of the CRP global regulator in proton flux of Escherichia coli under different glucose concentrations

Liana Vanyan, Lilit Grigoryan, Karen Trchounian