




Lilit Gnel Grigoryan

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

✉ lilitgrigoryan@ysu.am
  

Education

Institution	Yerevan State University
Faculty	Department of Biochemistry, Microbiology and Biotechnology of Faculty of Biology, YSU
Date	2023 - 2023
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
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Participation in international conferences and seminars

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
