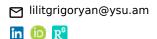
Lilit Gnel Grigoryan



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

2023 - 2023 Date Degree name Masters

Institution Yerevan State University

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

YSU

2019 - 2023 **Date** Bachelor Degree name

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

26/08/2024 -22nd European Bioenergetics Conference

31/08/2024 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