

# Razmik Sargsyan

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## Work experience

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Lichen Research and Conservation Group

Nov 2020 — Present

Researcher

Prom-Test Laboratories

Jul 2018 — Feb 2021

Clinical Laboratory Scientist

- Perform and analyze routine biochemical and immunoassay analysis of serum specimens on automated analyzers
- Perform coagulation assays
- Perform whole blood analysis
- Troubleshoot and analyse received data
- Troubleshoot errors
- Perform DNA extraction
- RT-PCR
- Work with hazardous materials
- Biosecurity checkup and implementation

LIQVOR CJSC

Dec 2017 — June 2018

QA Microbiologist

Responsibilities

- Design quality assurance strategies
- Developing and modifying methods
- Perform QA tests
- Perform Risk Management Tasks

Youth and Environment Eurpoe

Aug 2016 — Aug 2017

Promo and Publications Officer

- Organize events dedicated to promotion of events organized by network
- Generate strategic plans in delivering message from Network to target audience
- Create on demand brands of various campaigns and projects

"Young Biologists Association" NGO

Jan 2017 — Jan 2018

Vice President

# Education

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PhD Student Nov 2018 — Present  
Yerevan State University, Department of Biochemistry, Microbiology and Biotechnology

Masters Student Sep 2016 — June 2018  
YSU  
Antimicrobial, Antioxidant, Cytotoxic activity of some epiphytic lichens distributed on the territory of Armenia.

Bachelors degree in Biology Sep 2012 — May 2016  
YSU  
Habitat distribution modeling and prediction for endangered parthenogenetic species "Dareviskia Rostombekovi" using MaxEnt.

# Qualifications

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- MS Office
- ArcGIS software/MaxEnt package
- MEGA package/BioEdit/Galaxy
- Adobe Photoshop/Illustrator/Premiere Pro/After Effects
- User level proficiency in Unix systems (BioLinux, Ubuntu)
- Entry level of Python and SQL
- Slack

# Languages

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English - Fluent (TOEFL iBT - 90/120)

Russian - Fluent

Armenian - Native

# Publications

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## Articles

1. H. Hunanyan, R. Sargsyan, H. Panosyan (2018). "Characterization of endophytic bacterial acinetobacter sp. A1 strain isolated from lithophytic lichen". Proceedings of Yerevan State University. Chemistry and Biology.,29,122-127
2. A. G. Simonyan, R. R. Sargsyan, H. H. Panosyan, A. H. Trchounian - Study Of Antibacterial And Antioxidant

## Abstracts

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1. R. Sargsyan, H. Panosyan and A. Trchounian (2017). "Lichens distributed on the territory of Armenia as potential producers of antimicrobial and antioxidant compounds". Biotechnology: Science and Practice, Book of Abstracts: 43-44
2. R. Sargsyan, H. Panosyan, A. Trchounian (2019). "Antimicrobial and antioxidant activity of some corticolous lichens sampled in Armenia". FEBS Advanced lecture course 2019 - Current Advances in Pathogen Research, Book of abstracts: 10-11, Armenia, 25-30 March
3. R. Sargsyan, H. Hunanyan, H. Panosyan (2019). "Investigations on biotechnological potential of lichens distributed in Armenia and some isolated endophytes", International Workshop: "New Trends in Extremophile Research and Biotechnology", Book of abstracts: 51-52, Georgia, 26-27 September

## Participation in workshops

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2014- Pharmaceutical Competitiveness International Conference organized by "Young Biologists Association" NGO 2014- "Molecular and Cellular Bases of Host-Microbes Interactions: Genomics and Sequencing" organized by "Institute of Molecular Biology" NAS RA

2015 - Science from the first hands. "Lichenological Research" Young Scientists School by "Young Biologists Association" NGO, as organizing committee member

2016 - "FEBS Advanced lecture course: Pathogens" organized by "Young Biologists Association" NGO, as organizing committee member

2016 - Panarmenian Scientific Forum organized by "Young Biologists Association" NGO and "Young researchers support programme", as organizing committee member 2016 - Training course "Introduction to molecular phylogenetics

2017 - 4th International Scientific Conference of Young Researchers on "Biotechnology. Science and Practice