

Diana Hamlet Ghevondyan

✉ diana.ghevondyan@ysu.am



Research Institute of Biology

Մանրէաբանական կենսավերականգնման գիտական խումբ
Junior Researcher

Education

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| Institution | Yerevan state university |
| Faculty | Faculty of Biology |
| Date | 2019 - 2021 |
| Degree name | Masters |

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| Institution | Yerevan state university |
| Faculty | Faculty of Biology |
| Date | 2015 - 2019 |
| Degree name | Bachelor |

Language skills

Հայերեն English Русский

Work experience

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| Institution | Yerevan state university, Research Institute of Biology |
| Period of time | 2023 till now |
| Rank/degree | senior Assistant |

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| Institution | SCIENTIFIC RESEARCH INSTITUTE OF SPA TREATMENT AND PHYSICAL MEDICINE |
| Period of time | 2019 - 2021 |
| Rank/degree | Microbiologist |

Participation in international conferences and seminars

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|------------------------------------|---|
| 09/12/2021 - 10/12/2021 | 1st Central Asia Genomics Symposium Uzbekistan |
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| 09/07/2023 - 13/07/2023 | FEMS 2023; 10th Congress of European Microbiologists Germany |
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18/09/2022 -
22/09/2022

13TH INTERNATIONAL CONGRESS ON EXTREMOPHILES
Greece

Publications

Article

Polyhydroxyalkanoates produced by extremophiles: main structure, synthesis, and application

Hovik Panosyan, Armine Margaryan, Diana Ghevondyan, Rafii Shakhmuradian

Microbial Essentialism: An Industrial Prospective 2024 243-263

Article

Detergent-resistant α -amylase derived from *Anoxybacillus karvacharensis* K1 and its production based on whey

Hovik Panosyan, Armine Margaryan, Diana Ghevondyan, Ani Paloyan, Tigran Soghomonyan,

Pargev Hovhannisyanyan, Nils Kare Birkeland, Garabed Antranikian

Scientific Reports 2024 12682

Article

Microbial thermostable hydrolases (amylases, lipases, and keratinases) and polymerases: biology and applications

Hovik Panosyan, Mane Tadevosyan, Sahak Yeghiazaryan, Diana Ghevondyan, Ani Saghatelyan,

Armine Margaryan

Extremozymes and Their Industrial Applications 2022 177-204

Conference

The valorization of whey-based side-streams for microbial biomass, hydrogen and hydrogenase enzyme production

Anna Poladyan, Hayarpi Aghekyan, Ella Minasyan, Karen Trchounian, Ani Paloyan, Sargis Aghayan,

Garabed Antranikian, Meri Iskandaryan, Diana Ghevondyan

Conference

Genomic and chemical insights into extracellular polymeric substances produced by thermophilic *Parageobacillus toebii* strain H - 70

H. Panosyan, D. Ghevondyan, A. Margaryan, A. Cattaneo, I. Finore, A. Poli, N. Birkeland

Conference

Recombinant thermostable α -amylase from *Anoxybacillus karvacharensis* K1

Hovik Panosyan, Diana Ghevondyan, Armine Margaryan, Ani Paloyan, Garabed Antranikian,

Nils-Kare Birkeland
