Diana Hamlet Ghevondyan

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Research Institute of Biology
Մանրէաբանական կենսավերականգնման խումբ
Junior Researcher

Faculty of Biology
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Junior Researcher

Education

Institution	Yerevan State University
Faculty	Faculty of Biology
Date	2019 - 2021
Degree name	Masters

Institution	Yerevan State University
Faculty	Faculty of Biology
Date	2015 - 2019
Degree name	Bachelor

Language skills

Հայերեն English Русский

Work experience

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

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

Participation in international conferences and seminars

29/06/2024 - 03/07/2024	48th FEBS Congress Երևանի պետական համալսարան Italy

14/07/2025 - 17/07/2025	FEMS MICRO Milan 2025: Congress & Exhibition Yerevan State University Italy
09/12/2021 - 10/12/2021	1st Central Asia Genomics Symposium Yerevan State University Uzbekistan
09/07/2023 - 13/07/2023	FEMS 2023; 10th Congress of European Microbiologists Yerevan State University Germany
18/09/2022 - 22/09/2022	13TH INTERNATIONAL CONGRESS ON EXTREMOPHILES Yerevan State University Greece

Publications

Article

Genomic and chemical insights into a human lectin-binding extracellular polysaccharides from Parageobacillus toebii strain H-70

Hovik Panosyan, Armine Margaryan, Diana Ghevondyan, Fabrizio Chiodo, Yvette van Kooyk, Ilaria Finore, Annarita Poli

PLOS ONE 2026 1-18

https://www.scopus.com/pages/publications/105026820122?origin=resultslist

Article

Biodegradation of polyhydroxyalkanoates: current state and future prospects

Hovik Panosyan, Ani Paloyan, Mane Tadevosyan, Diana Ghevondyan, Armine Margaryan, Mariam Karapetyan, Lev Khoyetsyan, Garabed Antranikian

Frontiers in Microbiology 2025 1-18

Article

Production, characterization, and genomic insights of a human lectin-binding exopolysaccharide from Haloarcula japonica strain SST1

Diana Ghevondyan, Anna Hakobyan, Armine Margaryan, Ilaria Finore, Andrea Cattaneo, Fabrizio Chiodo, Nils-Kåre Birkeland, Annarita Poli, Hovik Panosyan

Scientific Reports 2025 1-16

Conference

Production, chemical and genomic insights into exopolysaccharides synthesized by Haloarcula japonica strain SST1 isolated from a subterranean salt deposit in Armenia

Hovik Panosyan, Diana Ghevondyan, Armine Margaryan, Anna Hakobyan, Ilaria Finore, Giovanni Pezzella, Nils-Kare Birkeland, Annarita Poli

2025 1478-1478

https://www.femsmicro.org/

Conference

Chemical and genomic insights into extracellular polymeric substances by Brevibacillus thermoruber strain Tatev 9-4 isolated from an Armenian geothermal spring
Hovik Panosyan, Diana Ghevondyan, Armine Margaryan, Andrea Cattaneo, Ilaria Finore, Annarita Poli

2025 431 - 431

https://www.femsmicro.org/

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 Hovhannisyan, Nils Kare Birkeland, Garabed Antranikian

Scientific Reports 2024 12682

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

2024 141-141

https://2025.febscongress.org/

Conference

Recombinant thermostable _-amylase from anoxybacillus karvacharensis k1
Hovik Panosyan, Diana Ghevondyan, Armine Margaryan, Ani Paloyan, Garabed Antranikian,

Nils-Kare Birkeland

2024 2319-2320

https://iums2024.com/abstract-book/

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

2022 85

https://www.femsbelgrade2022.org/
