

# Diana Hamlet Ghevondyan

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## Research Institute of Biology

Senior laboratory assistant

## Education

<b>Institution</b>	Yerevan state university
<b>Faculty</b>	Faculty of Biology
<b>Date</b>	2019 - 2021
<b>Degree name</b>	Masters

<b>Institution</b>	Yerevan state university
<b>Faculty</b>	Faculty of Biology
<b>Date</b>	2015 - 2019
<b>Degree name</b>	Bachelor

## Language skills

Հայերեն English Русский

## Work experience

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

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

## Participation in international conferences and seminars

<b>09/12/2021 - 10/12/2021</b>	1st Central Asia Genomics Symposium Uzbekistan
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<b>09/07/2023 - 13/07/2023</b>	FEMS 2023; 10th Congress of European Microbiologists Germany
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<b>18/09/2022 - 22/09/2022</b>	13TH INTERNATIONAL CONGRESS ON EXTREMOPHILES Greece
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*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

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*Article*

**Detergent-resistant  $\alpha$ -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

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*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

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*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

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*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

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*Conference*

**Recombinant thermostable  $\alpha$ -amylase from anoxybacillus karvacharensis k1**

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

Nils-Kare Birkeland

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