


# Diana Hamlet Ghevondyan

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## Research Institute of Biology

Մանրէաբանական կենսավերականգնման գիտական խումբ  
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

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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## Publications

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### 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

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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 Hovhannisyan, 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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