

# Ofelya Levon Karapetyan

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## Research Institute of Biology

Group for Biochemical Conversion of Organic Waste and Microbiological Production

Junior Researcher

## Faculty of Biology

Research Institute of Biology

Group for Biochemical Conversion of Organic Waste and

Microbiological Production

Junior Researcher

## Education

|             |                                                             |
|-------------|-------------------------------------------------------------|
| Institution | Yerevan State University                                    |
| Faculty     | Laboratory of Microbiology, Bioenergetics and Biotechnology |
| Date        | 2020 - 2022                                                 |
| Degree name | Masters                                                     |

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|-------------|-------------------------------------------------------------|
| Institution | Yerevan State University                                    |
| Faculty     | Laboratory of Microbiology, Bioenergetics and Biotechnology |
| Date        | 2017 - 2020                                                 |
| Degree name | Bachelor                                                    |

## Language skills

Русский English

## Publications

### Article

#### **Hydrogenase Activity and Polyhydroxyalkanoate Accumulation in *Cupriavidus necator* H16 Cultivated on Dairy and Biodiesel Industry By-Products**

Anna Poladyan, Ofelya Karapetyan, Ela Minasyan, Karen Trchounian

Biological Science and Innovation for Achieving the Sustainable Development Goals 2026 21 - 38

<https://doi.org/10.4018/979-8-3373-1524-9.ch002>

### Conference

#### **A NOVEL COST-EFFECTIVE APPROACH FOR PRODUCTION OF HYDROGENASE ENZYMES AND MOLECULAR HYDROGEN FROM WHEY-BASED BY-PRODUCTS**

Anna Poladyan, Meri Iskandaryan, Ofelya Karapetyan, Ela Minasyan, Anait Vassilian, Karen Trchounian,

Garabed Anatronikian

2023 40-45

<https://www.hbku.edu.qa/en/ICH2P23>

*Conference*

**REDOX REGULATION OF HYDROGEN PRODUCTION IN ESCHERICHIA COLI DURING GROWTH ON BYPRODUCTS OF THE WINE INDUSTRY**

Lusine Baghdasaryan, Karen Trchounian, Garabed Antranikian, Anna Poladyan, Ofelya Karapetyan

2023 405-410

<https://www.hbku.edu.qa/en/ICH2P23>

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