




# Armine David Chakhmakhchyan

 a.chakhmakhchyan@ysu.am  
 

## Research Institute of Biology

Applied Ecology and Environmental Research Laboratory (AEER- Lab)  
Senior laboratory assistant

## Education

Institution	Yerevan State University
Faculty	Faculty of Biology, Department of Biochemistry
Date	1993 - 1998
Degree name	Masters

## Language skills

Русский English

## Work experience

Institution	Yerevan State University
Period of time	2022 till now
Rank/degree	senior laboratory assistant

## Publications

Article  
**Impact of nano-enzyme and nanomics for sustainable agriculture: Current status and future prospective**  
Shivangi Singh, Omkar Singh, Sakshi Singh, Abhishek Singh, Vishnu D. Rajput, Karen Ghazaryan, Vaishali Singh, Athanasios Alexiou, Abdel Rahman Mohammad Said Al-Tawaha, Aleksandr Yesayan, Armine David Chakhmakhchyan, Hassan El-Ramady  
Harnessing NanoOmics and Nanozymes for Sustainable Agriculture 2024 1-18

Article  
**Revolutionizing sustainable agriculture with nano-priming technology: A leap towards resilient and high-yield crops**  
Divya Pandey, Abhishek Singh, Nare Darbinyan, Armine David Chakhmakhchyan, Shipra Singh Parmar, Karen Ghazaryan  
Nanotechnology Applications and Innovations for Improved Soil Health 2024 305-315

Article  
**Carnivorous fungi application for pesticide-free vegetable cultivation**  
Alexander Yesayan, Tigran Yesayan, Bella Babayan, Syuzanna Esoyan, Ani Hayrapetyan,

Garegin Sevoyan, Armine Chakhmakhchyan, Siranush Nanagulyan, Marina Melkumyan  
Functional Food Science 2024 325-336

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*Article*

**Traditional vegetarian food products in villages of Syunik, Armenia: Technogenic contamination risks assessment**

Garegin G. Sevoyan, Karen A. Ghazaryan, Tigran A. Yesayan, Ani K. Hayrapetyan, Seyran H. Minasyan, Bella G. Babayan, Ivan G. Gabrielyan, Syuzanna S. Esoyan, Armine D. Chakhmakhchyan, Anna M. Grigoryan, Marina A. Melkumyan, Alexander H. Yesayan  
Functional Food Science 2024 380-389

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*Article*

**Impact of ceramic packaging on the quality and safety of Armenian fermented dairy product Matsoun**

Syuzanna S. Esoyan, Ani K. Hayrapetyan, Tigran A. Yesayan, Armine E. Sargsyan, Armine D. Chakhmakhchyan, Bella G. Babayan, Garegin G. Sevoyan, Aleksandr H. Yesayan  
Functional Food Science 2024 370-379

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*Article*

**The preliminary study of antifungal and antibacterial properties of wine by-products**

Ani K. Hayrapetyan, Tigran A. Yesayan, Armine D. Chakhmakhchyan, Bella G. Babayan, Garegin G. Sevoyan, Alexander H. Yesayan, Syuzanna S. Esoyan  
Bioactive Compounds in Health and Disease 2024 570-580

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*Conference*

**Carnivorous Fungi: Innovative Safe Alternative Against The Agricultural Worm Pests**

A. H. Yesayan, T. A. Yesayan, B. G. Babayan, G. G. Sevoyan, S. S. Esoyan, A. K. Hayrapetyan, A. D. Chakhmakhchyan

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*Conference*

**CARNIVOROUS FUNGI APPLICATION PERSPECTIVES FOR PESTICIDE- FREE VEGETABLES CULTIVATION**

Alexander Yesayan, Tigran Yesayan, Bella Babayan, Syuzanna Esoyan, Ani Hayrapetyan, Garegin Sevoyan, Armine Chakhmakhchyan, Siranush Nanagulyan, Marina Melkumyan

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