

# Syuzanna Sayat Esoyan

## Research Institute of Biology

Laboratory of Applied Biology and Ecology

Researcher

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## Education

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<b>Institution</b>	Yerevan State University
<b>Faculty</b>	Faculty of Biology, Department of Ecology and Nature Conservation
<b>Date</b>	2010 - 2012
<b>Degree name</b>	Masters

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<b>Institution</b>	Yerevan State University
<b>Faculty</b>	Faculty of Biology, Department of Ecology and Nature Conservation
<b>Date</b>	2006 - 2010
<b>Degree name</b>	Bachelor

## Scientific Rank/degree

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<b>Institution</b>	University Bourgogne Franche-Comté/Yerevan State University
<b>Date</b>	2022
<b>Degree name</b>	Candidate
<b>Specialty</b>	Biological sciences
<b>Scientific Supervisor</b>	Philippe BODART, Camille LOUPIAC, Nelli Hovhannisyan
<b>Research Topic</b>	Interaction Between Armenian Clay-based Ceramic and Model Wine

## Language skills

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Русский English Français

## Work experience

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<b>Institution</b>	Yerevan State University
<b>Period of time</b>	2023 till now
<b>Rank/degree</b>	Researcher

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<b>Institution</b>	Yerevan State University
<b>Period of time</b>	2021 till now
<b>Rank/degree</b>	Lecturer

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**Institution** Institute Agro Dijon  
**Period of time** 2019 - 2022  
**Rank/degree** Researcher

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**Institution** "Mekhitarian center of Armenia "  
**Period of time** 2016 - 2019  
**Rank/degree** Teacher of biology

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**Institution** Yerevan State University  
**Period of time** 2015 - 2022  
**Rank/degree** Junior researcher

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**Institution** Yerevan State University  
**Period of time** 2014 - 2014  
**Rank/degree** Senior laboratory assistant

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**Institution** Yerevan State University  
**Period of time** 2013 - 2013  
**Rank/degree** Laboratory assistant

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**Institution** National Academy of Science of Republic of Armenia  
**Period of time** 2012 - 2013  
**Rank/degree** Senior laboratory assistant

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## Scientific interests

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- Biochemistry of wine
  - Biodiversity conservation
  - Tissue culturing and micropropagation
  - Food and Wine Biotechnology
  - Spectroscopy
  - Microscopy
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## Participation in international conferences and seminars

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**27/10/2024 - 30/10/2024** The 2nd Tokaj Wine Congress  
University of Tokaj  
Hungary

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**14/10/2024 - 18/10/2024** The 45th World Congress of Vine and Wine  
International Organization of Vine and Wine  
France

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<b>10/09/2024 - 11/09/2024</b>	Functional Food Center 32th international Conference Armenian National Agrarian University Armenia
<b>08/06/2023 - 09/06/2023</b>	Pontus de Tyard Days Biodiversity and Wine Heritage University of Burgundy France
<b>10/11/2023</b>	Containers in all their forms Union of Oenologists of France France
<b>15/03/2021 - 17/03/2021</b>	Conference on achievements and perspectives of NMR relaxometry CA-15209 COST Action: CA15209 - European Network on NMR Relaxometry France
<b>16/06/2022 - 17/06/2022</b>	FORUM FOR YOUNG RESEARCHERS (YCR) University of Burgundy Franche-Comte France
<b>29/06/2022 - 01/07/2022</b>	Wine Active Compounds (WAC) University of Burgundy France

## Publications

### *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

### *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

### *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

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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Article

**The epigenetic impact of daily diet food choices on human health and chronic diseases**

Yesayan A. H., Chetta M., Babayan B. G., Yesayan T. A., Esoyan S. S., Sevoyan G. G.

Functional Foods in Health and Disease 2024 739-750

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Article

**Interaction between Armenian clay-based ceramics and model wine during storage**

Syuzanna Esoyan, Camille Loupiac, Nelli Hovhannisyan, Régis D. Gougeon, Thomas Karbowski,

Bernhard Michalke, Philippe Schmitt-Kopplin, Claude Fontaine, Sabine Valange, Philippe R. Bodart

Oeno One 2023 101-113

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Article

**Analysis of the Proton Spin-Lattice Relaxation in Wine and Hydroalcoholic Solutions**

Philippe R. Bodart, Aymerick Batlogg, Eric Ferret, Adam Rachocki, Magdalena Knapkiewicz,

Syuzanna Esoyan, Nelli Hovhannisyan, Thomas Karbowski, Régis D. Gougeon

Food Analytical Methods 2021 10

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Article

**Genetic diversity and traditional uses of aboriginal grape (*Vitis vinifera* L.) varieties from the main viticultural regions of Armenia**

Dallakyan Marina, Esoyan Syuzanna, Gasparyan Boris, Smith Alexia, Hovhannisyan Nelli

Genetic Resources and Crop Evolution 2020 999-1024

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Article

**PRELIMINARY DATA ON MORPHOLOGICAL, GENETIC AND ENOLOGICAL DIVERSITY OF NEGLECTED AUTOCHTHONOUS GRAPE VARIETIES OF ARMENIA**

N.A. HOVHANNISYAN, M.V. DALLAKYAN, S.S. ESOYAN, I.M. MANUKYAN, A.H. YESAYAN

Biological Journal of Armenia 2016 98-104

<http://www.flib.sci.am/eng/Biology/>

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Article

**Հնագիտության և կենսաբանության խաչմերուկում**

Ս. Ս. Եսոյան, Ա.Հ.Եսայան, Ն.Ա. Հովհաննիսյան

Բնագետ 2015 66-71

<http://www.ysu.am/bnaget>

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Article

**Հնագիտության և կենսաբանության խաչմերուկում: Ինչ է պատմում հնագույն ԴՆԹ-ն**

Եսայան Ա.Հ., Եսոյան Ս. Ս., Հովհաննիսյան Ն.

Բնագետ 2015 66-71

<http://www.ysu.am/bnaget>

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Conference

**APPLICATION OF OIV DESCRIPTORS FOR CHARACTERIZATION OF ARMENIAN AUTOCHTHONOUS**

## **GRAPEVINE VARIETIES: CASE STUDY**

Syuzanna Esoyan

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*Conference*

### **APPLICATION OF OIV DESCRIPTORS FOR CHARACTERIZATION OF ARMENIAN AUTOCHTHONOUS GRAPEVINE VARIETIES: CASE STUDY**

Marina Dallakyan, Syuzanna Esoyan, Aleksandr Yesayan, Hovhannisyan N.

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*Conference*

### **The Role of Monastic Gardens in Sustainable of Grape (Vitis vinifera L.) Genetic Diversity in Armenia**

Nelli Hovhannisyan, Aleksandr Yesayan, Syuzanna Esoyan, Marina Dallakyan, Boris Gasparyan

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*Conference*

### **Local Wheat and Barley Genetic Diversity as a Source of Adaptive Traits to Sustain Forecasted Climate Change**

Hovhannisyan N.H, Yesayan A.H., Esoyan S.S., Dallakyan M.V, Manukyan I.M., Danlielyan A

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*Conference*

### **A traditional Armenian vinification: clay-wine interaction followed by relaxometry**

Syuzanna Esoyan

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*Conference*

### **Historical genetic diversity of Armenian table grapes and their economic potential**

M. Dallakyan, A. Yesayan, S. Esoyan, I. Manukyan, N. Hovhannisyan

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*Conference*

### **Migration of chemical elements from ceramics into model wine**

Syuzanna Esoyan, Camille Loupiac, Thomas Karbowiak, Bernhard Michalke, Philippe Schmitt-Kopplin, Régis Gougeon, Nelli Hovhannisyan, Philippe Bodart

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*Conference*

### **Interaction Between Armenian Clay-based Ceramic and Model Wine**

Syuzanna Esoyan, Camille Loupiac, Thomas Karbowiak, Régis D. Gougeon, Bernhard Michalke, Philippe Schmitt-Kopplin, Nelli Hovhannisyan, Philippe R. Bodart

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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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