

# Tigran Aleksandr Yesayan

✉ tigran.yesayan@ysu.am



## Research Institute of Biology

Ecological Monitoring Group

Junior Researcher

## Education

<b>Institution</b>	Yerevan State University
<b>Faculty</b>	Biology/Botany and Mycology
<b>Date</b>	2016 - 2018
<b>Degree name</b>	Masters

<b>Institution</b>	Yerevan State University
<b>Faculty</b>	Biology/Biophysics
<b>Date</b>	2012 - 2016
<b>Degree name</b>	Bachelor

## Language skills

Հայերեն English Русский

## Work experience

<b>Institution</b>	Yerevan State University
<b>Period of time</b>	2018 till now
<b>Rank/degree</b>	Junior Researcher

## Publications

*Article*

### **Genetic Changes In Common Dandelion (*Taraxacum officinale*) Induced by High Concentrations of Heavy Metals in Soil**

Bella Babayan, Alexander Yesayan, Garegin Sevoyan, Tigran Yesayan

Functional Foods in Health and Disease 2025 625-633

*Article*

### **Pseudomonas fluorescens: Prospective green antimicrobial for crops cultivation**

Marina Melkumyan, Bella Babayan, Alexander Yesayan, Tigran Yesayan, Sevoyan Garegin,

Armen Grigoryan, Anna Grigoryan

Bioactive Compounds in Health and Disease 2025 269 - 278

*Article*

**First record of euglenophytes of the genus Trachelomonas in mountain lakes of Lori Province in the Republic of Armenia**

Małgorzata Poniewozik, Tigran Yesayan, Emil Zięba, Lusine Hambaryan

Scientific Reports 2025 37496

---

*Article*

**Artificial fragrances and semisynthetic perfumes: The hidden health risks**

Bella Babayan, Tigran Yesayan, Marina Melkumyan, Gagik Mikaelyan, Samvel Bagdasaryan,

Silviana Elbakyan, Anzhelika Avanesyan, Alexander Yesayan, Garegin Sevoyan

Functional Food Science 2025 621-632

---

*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*

**Strategic food reserves storage, safety and risk minimization: Problems and perspectives**

Samvel M. Shahinyan, Ani Yu. Badasyan, Bella G. Babayan, Marina A. Melkumyan, Tigran A. Yesayan,

Alexandr H. Yesayan

Functional Foods in Health and Disease 2024 615-629

---

*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 safety of animal-derived food products in areas of technogenic pollution**

Garegin G. Sevoyan, Seyran H. Minasyan, Tigran A. Yesayan, Bella G. Babayan, Syuzanna S. Avetisyan,

Alexander H. Yesayan

Functional Foods in Health and Disease 2024 704-712

---

*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

---

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

---

Article

**Sustainable methods for producing food-derived bioactive compounds**

Aram R. Mikaelyan, Samvel A. Bagdasaryan, Alexander H. Yesayan, Tigran A. Yesayan,

Ani K. Hayrapetyan, Bella G. Babayan, Marina A. Melkumyan, Vardan Sargsyan

Bioactive Compounds in Health and Disease 2024 525-535

---

Article

**STUDY OF SOIL FUNGI IN THE TERRITORY OF KAPAN CITY AND ITS SURROUNDING**

R. E. MATEVOSYAN, S. G. NANAGULYAN, I. M. ELOYAN, T. A. YESAYAN

Proceedings of the YSU B: Chemical and Biological Sciences 2018 193-197

---

Conference

**Mycobiota of the soil contaminated by copper molybdenum mining**

Ruzanna Matevosyan, Vahagn Gevorgyan, Tigran Yesayan

---

Conference

**МИКОБИОТА ПОЧВЕННЫХ МИКРОМИЦЕТОВ ОКРЕСТНОСТЕЙ ГОРОДА КАДЖАРАН  
(РЕСПУБЛИКА АРМЕНИЯ)**

Матевосян Р.Э., Элоян И.М., Шахазизян И.В., Есян Т.А., Нанагюлян С.Г.

---

Conference

**First record of loricated euglenoids in mountain lakes of Lori Province, Armenia**

PONIEWOZIK M., YESAYAN T., BELIAEVA O., ZIĘBA E., HAMBARYAN L.

---

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

---

Conference

**The Preliminary Research of Magellan's Cave Microbiome**

Samvel M. Shahinyan, Bella G. Babayan, Smbat Davtyan, Tigran A. Yesayan, Alexander H. Yesayan,

Marina A. Melkumyan

---

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

---

Conference

**RELATIONSHIP BETWEEN SPIRULINA PLATENSIS GROWTH AND MP (MICROPLASTIC)  
PARTICLES BIOFILM FORMATION IN VITRO CONDITONS**

Lusine Hambaryan, Ani Harutyunyan, Diana Hakobyan, Tigran Yesayan, Małgorzata Poniewozik

---

*Conference*

**Carnivorous Fungi: Innovative Green Alternative Against the Worm-pests of Crops**

Tigran A. Yesayan, Alexander H. Yesayan, Bella G. Babayan

---

*Conference*

**Antimicrobial Resistance of Native Bacteria and The Spread of It out of Clinics**

Bella G. Babayan, Marina A. Melkumyan, Marina H. Kinosyan, Tamra S. Davidyan, Alexander H. Yesayan,

Garegin G. Sevoyan, Tigran A. Yesayan

---

*Conference*

**Crops Biological Protection Based on *Pseudomonas fluorescens*: Prospectives for Green Agriculture**

Marina Melkumyan, Bella Babayan, Alexander Yesayan, Tigran Yesayan

---

*Conference*

**Ecological Status of Mountain Lakes in the Lori Region (Armenia): Microalgae as Bioindicators of Water Quality**

Lusine Hambaryan, Tigran Yesayan, Ani Harutyunyan, Diana Hakobyan, Małgorzata Poniewozik

---