

# Samvel Armen Bagdasaryan

## Research Institute of Biology

Ecological Monitoring Group

Senior laboratory assistant

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## Language skills

Русский English Հայերեն

## Publications

*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*

### **Therapeutic utilization of tetrodotoxin for treating carcinomas: a comparative molecular docking and dosage adjustment study**

Anna Grigoryan, Hamlet Karayan, Samvel Bagdasaryan, Tatevik Evadzhyan, Peri Ghukasyan,

Marina Melkumyan, Bella Babayan

Bioactive Compounds in Health and Disease 2025 422-431

*Article*

### **Colamine and tartaric acid based innovative antioxidant and anti-spoilage food additive for fish product industry**

Aram R. Mikaelyan, Tigran Soghomonyan, Bella G. Babayan, Samvel A. Bagdasaryan, Nona L. Asatryan,

Anna M. Grigoryan, Marina A. Melkumyan

Bioactive Compounds in Health and Disease 2024 489-499

*Article*

### **New functionally substitutes cyclopropanecarboxylic acids as ethylene biosynthesis innovative regulators**

Aram Mikaelyan, Samvel Bagdasaryan, Bella Babayan, Nona Asatryan, Marina Melkumyan,

Anna Grigoryan

Bioactive Compounds in Health and Disease 2024 500-510

*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

*Conference*

### **New efficient Complex Cu(I) based catalyst system for ATRA/ATRC reactions: Convenient**

## **Synthons for Synthesis of Functional Substituted Carbocycles**

Bagdasaryan S. A., Grigoryan A. M., Mikaelyan A. R.

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