

Alvard Mkrtich Minasyan

Research Institute of Biology

Laboratory of Microbiology, Bioenergetics and Biotechnology
Junior Researcher

☎ 45-07

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🎓 Education

Institution	Yerevan State University
Faculty	Faculty of Biology
Date	2021 - 2023
Degree name	Masters

Institution	Yerevan State University
Faculty	Faculty of Biology
Date	2017 - 2021
Degree name	Bachelor

🌐 Language skills

Հայերեն English Русский

📅 Work experience

Institution	YSU, Research Institute of Biology
Period of time	2025 till now
Rank/degree	Junior Researcher

Institution	YSU
Period of time	2024 till now
Rank/degree	Grantee Manager

Institution	YSU
Period of time	2024 till now
Rank/degree	Researcher

Institution	Research Institute of Biology
Period of time	2023 till now
Rank/degree	senior laboratory assistant

Institution	YSU
Period of time	2023 till now

Rank/degree	Researcher
Institution	Université Bourgogne-Franche Comté, Laboratoire de Biochimie du Peroxysome, Inflammation & Métabolisme Lipidique, Dijon, France
Period of time	2023 - 2023
Rank/degree	Researcher
Institution	YSU, Faculty of Biology, Chair of Biochemistry, Microbiology, and Biotechnology
Period of time	2021 - 2023
Rank/degree	Senior laboratory assistant

Scientific interests

- biochemistry
- biotechnology
- microbiology

Participation in international conferences and seminars

14/07/2025 - 17/07/2025	FEMS MICRO Milan 2025 Italy
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Membership

Institution	Armenian Biochemical Association (FEBS founding society)
Period of time	2022 till now
Institution	Armenian Microbiological Association (FEMS constituent society)
Period of time	2023 till now

Publications

Article

Ribes nigrum leaf extract downregulates pro-inflammatory gene expression and regulates redox balance in microglial cells

Alvard Minasyan, Vivien Pires, Catherine Gondcaille, Mikayel Ginovyan, Marika Mróz, Stéphane Savary, Mustapha Cherkaoui-Malki, Barbara Kuszniereicz, Agnieszka Bartoszek, Pierre Andreoletti,

Naira Sahakyan

BMC Complementary Medicine and Therapies 2025 1-17

Article

Protective Effects of Teucrium polium Extract Against LPS-Induced Oxidative Stress in BV-2

Microglia: Insights from Wild-Type and Acox1^{-/-} Models

Alvard Minasyan, Naira Sahakyan

OBM Neurobiology 2025 1-18

Article

The Action Mechanisms, Anti-Cancer and Antibiotic-Modulation Potential of Vaccinium myrtillus L. Extract

Mikayel Ginovyan, Anush Babayan, Anahit Shirvanyan, Alvard Minasyan, Meri Qocharyan,

Barbara Kusznierevicz, Izabela Koss-Mikołajczyk, Nikolay Avtandilyan, Anne Vejux, Agnieszka Bartoszek,

Naira Sahakyan

Discovery Medicine 2023 590-611

Conference

Antimicrobial and antioxidant potential of some plant crude extract

Margarit Petrosyan, Alvard Minasyan, Anahit Shirvanyan, Anush Babayan, Mikayel Ginovyan,

Naira Sahakyan

Conference

Prospects for the use of Ficus carica L. leave extract as bio-preservative agent

Anahit Shirvanyan, Alvard Minasyan, Anush Babayan, Armine Moghrovyan, Naira Sahakyan,

Margarit Petrosyan, Karen Trchounian

Conference

THE OXIDATIVE STRESS AND POSSIBLE PREVENTIVE ACTION OF PLANT BORN POLYPHENOLS

Anahit Shirvanyan, Anush Babayan, Alvard Minasyan, Margarit Petrosyan, Anna Poladyan,

Naira Sahakyan

Conference

From agro-bio-waste to application: the power of bilberry aerial part extract as anti-cancer and antibiotic-modulating agent

N. Sahakyan, M. Ginovyan, A. Babayan, A. Shirvanyan, A. Minasyan, B. Kusznierevicz,

I. Koss-Mikołajczyk, N. Avtandilyan, A. Bartoszek

Conference

Modulation of antibiotic resistance by quercetin and catechins in E. coli DH5 α -pUC18 and E. coli pARG-25: a potential approach for overcoming antibiotic resistance

Alvard Minasyan, Aram Aramyan, Silvard Tadevosyan, Anush Babayan, Naira Sahakyan

Conference

Antibiotic Activity of Plant Metabolites and Possibilities of Their Application

Aram Aramyan, Silvard Tadevosyan, Alvard Minasyan, Anush Babayan, Naira Sahakyan

Conference

Comprehensive Assessment of the Biological and Chemical Properties of Ficus carica Leaf Ethanolic Extract

Naira Vardanyan, Alvard Minasyan, Silvard Tadevosyan, Anush Babayan, Karen Trchounian,

Naira Sahakyan

Conference

Antibiotic Potential of Mentha Arvensis Extract

Sona Sargsyan, Silvard Tadevosyan, Anush Babayan, Alvard Minasyan, Andranik Davinyan,

Armenuhi Moghrovyan, Naira Sahakyan

Conference

Teucrium polium Leaf Extract as a Potential Neuroprotective Agent: Antioxidant and Anti-Inflammatory Activity in BV-2 Cell Models

Alvard M. Minasyan, Naira Zh. Sahakyan

Conference

PHENOLIC COMPOUNDS IN OCIMUM BASILICUM VAR. PURPUREUM: IMPLICATIONS FOR NEUROPROTECTION AND INFLAMMATION

Alvard Minasyan, Pierre Andreoletti, Vivien Pires, Catherine Gondcaille, Mustapha Cherkaoui-Malki,

Naira Sahakyan
