Alvard Mkrtich Minasyan

45-07
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Research Institute of Biology
Laboratory of Microbiology, Bioenergetics and Biotechnology
Junior Researcher

Faculty of Biology
Research Institute of Biology
Laboratory of Microbiology, Bioenergetics and Biotechnology
Junior Researcher

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 - 2026
Rank/degree	Researcher

Institution	Université Bourgogne-Franche Comté, Laboratoire de Biochimie du Peroxysome, Inflammation & Métabolisme Lipidique, Dijon, France
Period of time	2023 till now
Rank/degree	Researcher

Institution	YSU, Faculty of Biology, Chair of Biochemistry, Microbiology, and Biotechnology
Period of time	2021 - 2023
Rank/degree	Senior laboratory assistant

Participation in international conferences and seminars

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

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

Antibiotic Activity of Plant Metabolites and Possibilities of Their Application

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

Biological Science and Innovation for Achieving the Sustainable Development Goals 2026 283 - 301

https://doi.org/10.4018/979-8-3373-1524-9.ch014

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 Kusznierewicz, 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

Conference

Modulation of antibiotic resistance by quercetin and catechins in E. coli DH5α-pUC18 and E. coli pARG-25: a potential approach for overcoming antibiotic resistance
Alvard Minasyan, Aram Aramyan, Silvard Tadevosyan, Anush Babayan, Naira Sahakyan

2025 1311 - 1311

https://fems-microbiology.org/opportunities/fems-micro-milan-2025-congress-and-...

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

2025 52 - 52

https://www.ysu.am/en/conference/869

Conference

Antibiotic Activity of Plant Metabolites and Possibilities of Their Application
Aram Aramyan, Silvard Tadevosyan, Alvard Minasyan, Anush Babayan, Naira Sahakyan

2025 11 - 11

https://www.ysu.am/en/conference/869

Conference

Antibiotic Potential of Mentha Arvensis Extract
Sona Sargsyan, Silvard Tadevosyan, Anush Babayan, Alvard Minasyan, Andranik Davinyan,

Armenuhi Moghrovyan, Naira Sahakyan

2025 80 - 80

https://www.ysu.am/conference/869

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

2025 186-186

https://www.ysu.am/en/conference/869

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. Kusznierewicz,

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

2024 179-180

https://2024.febscongress.org/

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
2024 187-188

https://www.ysu.am/conference/868

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 Kusznierewicz, Izabela Koss-Mikołajczyk, Nikolay Avtandilyan, Anne Vejux, Agnieszka Bartoszek,

Naira Sahakyan
Discovery Medicine 2023 590-611

Conference

THE OXIDATIVE STRESS AND POSSIBLE PREVENTIVE ACTION OF PLANT BORN POLYPHENOLS
Anahit Shirvanyan, Anush Babayan, Alvard Minasyan, Margarit Petrosyan, Anna Poladyan,

Naira Sahakyan
2023 246-248

https://www.functionalfoodscenter.net/registration-form_ffc31.html

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Conference

Antimicrobial and antioxidant potential of some plant crude extract
Margarit Petrosyan, Alvard Minasyan, Anahit Shirvanyan, Anush Babayan, Mikayel Ginovyan,

Naira Sahakyan
2022 812-813

https://www.femsbelgrade2022.org/

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

2022 373-374

https://www.femsbelgrade2022.org/
