Ela Vardan Minasyan

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Institute of Pharmacy
Scientific and Educational Center for Control and Monitoring of the Quality of Medicines
Expert

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Scientific and Educational Center for Control and Monitoring of the Quality of Medicines
Expert

Institute of Pharmacy
Chair of Pharmaceutical Chemistry and Pharmacognosy
Lecturer on an hourly basis

Education

Institution	Armbiotechnology Scientific and Production Center
Faculty	"Armbiotechnology" SPC SNPO NAS RA
Date	2018 - 2023
Degree name	Applicant

Institution	Yerevan State University
Faculty	Chemistry and Pharmacology
Date	2013 - 2015
Degree name	Masters

Institution	Yerevan State University
Faculty	Chemistry
Date	2009 - 2013
Degree name	Bachelor

Scientific Rank/degree

Institution	Armbiotechnology Scientific and Production Center
Date	2025
Degree name	Candidate
Scientific Supervisor	Armen Aghajanyan, D.Sc. (Chemistry)
Research Topic	Development of a method for the extraction of melanin from plant raw materials and investigation of its properties

Language skills

Work experience

Institution	Yerevan State University
Period of time	2021 till now
Rank/degree	Expert

Institution	SPC “Armbiotechnology” NAS RA
Period of time	2015 till now
Rank/degree	Junior Researcher

Publications

Article

Hydrogenase Activity and Polyhydroxyalkanoate Accumulation in Cupriavidus necator H16 Cultivated on Dairy and Biodiesel Industry By-Products

Anna Poladyan, Ofelya Karapetyan, Ela Minasyan, Karen Trchounian

Biological Science and Innovation for Achieving the Sustainable Development Goals 2026 21 - 38

https://doi.org/10.4018/979-8-3373-1524-9.ch002

Article

Improvement of biomass and biohydrogen generation in Parachlorella kessleri using ethanol and brewery production wastes as cultivation media

Jemma Manoyan, Diana Hakobyan, Lilit Gabrielyan, Iren Shahazizyan, Lusine Sahakyan, Ela Minasyan,

Liana Gabrielyan

International Journal of Hydrogen Energy 2025 400-410

Article

A novel, cost-effective approach for the production of hydrogenase enzymes and molecular hydrogen from recycled whey-based by-products

Meri Iskandaryan, Lusine Baghdasaryan, Ela Minasyan, Karen Trchounian, Antranikian Garabed,

Anna Poladyan

International Journal of Hydrogen Energy 2025 1191-1202

Article

Isolation, purification, identification of melanin from grape pomace extracts, and its application areas

Armen Aghajanyan, Ela Minasyan, Tigran Soghomonyan, Gayane Melyan, Gayane Hovhannisyan,

Karine Yeghiyan, Kristina Karapetyan, Avetis Tsaturyan

Bioactive Compounds in Health and Disease - Online ISSN 2574-0334 Print ISSN 2769-2426 2025

204-2016

Article

Effect of solvent polarity on the extraction of bioactive compounds from Heracleum persicum fruits

Avetis Tsaturyan, Lusine Sahakyan, Lusine Hayrapetyan, Ela Minasyan, Ani Chakhoyan,

Valodya Mirzoyan, Gayane Hovhannisyan, Haykanush Khachatryan, Sergey Hayrapetyan

Pharmacia 2025 e168925

https://pharmacia.pensoft.net/article/168925/

Article

Characterization of Citric Acid Biosynthesis by Fungi Aspergillus niger for Surface and Submerged Cultivation

Melkumyan I.E., Minasyan E.V., Toplaghaltsyan A.G.

Biology Bulletin 2024 S589–S597

Article

Efficient isolation and characterization of functional melanin from various plant sources

Armen E. Aghajanyan, Artur A. Hambardzumyan, Ela V. Minasyan, Gayane J. Hovhannisyan,

Karine I. Yeghiyan, Tigran M. Soghomonyan, Sona V. Avetisyan, Vehary A. Sakanyan, Avetis H. Tsaturyan

International Journal of Food Science & Technology 2024 3545-3555

Article

BIO-PROTECTIVE ACTIVITY OF GRAPE MELANIN IN RELATION TO ANTIBIOTICS

Ela V. Minasyan

Proceedings of the YSU B Chemical and Biological Sciences 2024 151-158

Article

Synthesis and evaluation of new mono- and binuclear salen complexes for the Cα-alkylation reaction of amino acid substrates as chiral phase transfer catalysts

Anahit M. Hovhannisyan, Anna S. Tovmasyan, Anna F. Mkrtchyan, Karapet R. Ghazaryan,

Ela V. Minasyan, Olgert L. Dallakyan, Mikayel S. Chobanyan, Hayk Zakaryan, Giovanni N. Roviello,

Ashot S. Saghyan

Molecular Catalysis 2024 114618

Article

Ion-chromatographic determination of common anions in drinking water in some regions of the Republic of Armenia

Avetis Tsaturyan, Lusine Sahakyan, Lusine Hayrapetyan, Ela Minasyan, Ani Chakhoyan,

Sergey Hayrapetyan, Ashot Saghyan

Pharmacia 2024 e135658

Article

Synthesis of enantiomerically enriched β-substituted analogs of (S)-α-alanine containing 1-phenyl-1H-1,2,3-triazole groups

Artavazd S. Poghosyan, Ashot S Saghyan, Peter Langer, Ela V. Minasyan, Karapet R. Ghazaryan,

Anahit M. Hovhannisyan, Anna F Mkrtchyan, Volodya Mirzoyan, Emma A. Khachatryan

Amino Acids 2024 67

Article

Synthesis, Characterization, and Study of Catalytic Activity of Chiral Cu(II) and Ni(II) Salen Complexes in the α-Amino Acid C-α Alkylation Reaction

Anna S. Tovmasyan, Anna F. Mkrtchyan, Hamlet N. Khachatryan, Mary V. Hayrapetyan,

Robert M. Hakobyan, Artavazd S. Poghosyan, Avetis H. Tsaturyan, Ela V. Minasyan, Viktor I. Maleev,

Vladimir A. Larionov, Armen G. Ayvazyan, Norio Shibata, Giovanni N. Roviello, Ashot S. Saghyan

Molecules 2023 1180

Article

Valorization of whey-based side streams for microbial biomass, molecular hydrogen, and hydrogenase production

Anna Poladyan, Karen Trchounian, Ela Minasyan, Meri Iskandaryan, Hayarpi Aghekyan, Sargis Aghayan, Avetis Tsaturyan, Ani Paloyan, Garabed Antranikian, Lev Khoyetsyan

Applied Microbiology and Biotechnology 2023 4683–4696

Article

Development of an efficient method for obtaining lactose and lactulose from whey

Tatevik Sargsyan, Avetis Tsaturyan, Lilya Arstamyan, Anyuta Sargsyan, Jaklina Saribekyan,, Ani Voskanyan, Ella Minasyan, Monika Israelyan, Lala Stepanyan

Pharmacia 2023 1039-1046

Article

Antimicrobial Activity of Melanin Isolated from Wine Waste

E. Minasyan, A. Aghajanyan, K. Karapetyan, N. Khachaturyan, G. Hovhannisyan, K. Yeghyan, A. Tsaturyan

Indian Journal of Microbiology 2023 7

Conference

A NOVEL COST-EFFECTIVE APPROACH FOR PRODUCTION OF HYDROGENASE ENZYMES AND MOLECULAR HYDROGEN FROM WHEY-BASED BY-PRODUCTS

Anna Poladyan, Meri Iskandaryan, Ofelya Karapetyan, Ela Minasyan, Anait Vassilian, Karen Trchounian, Garabed Anatranikian

2023 40-45

https://www.hbku.edu.qa/en/ICH2P23

Article

Development of the technology for producing water-soluble melanin from waste of vinary production and the study of its physicochemical properties

Armen E. Aghajanyan, Artur A. Hambardzumyan, Ela V. Minasyan, Avetis H. Tsaturyan, Ani M. Paloyan, Sona V. Avetisyan, Anichka S. Hovsepyan, Ashot S. Saghyan

European Food Research and Technology 2022 485-495

Article

Detection and development of a quantitation method for undeclared compounds in antidiabetic biologically active additives and its validation by high performance liquid chromatography

Virab Gurgen Kirakosyan, Avetis Hovhannes Tsaturyan, Lilit Eduard Poghosyan, Ella Vardan Minasyan, Hayk Razmik Petrosyan, Lusine Yurik Sahakyan, Tatevik Hovhannes Sargsyan

Pharmacia 2022 45-50

Article

STUDY OF OIL AND POMACE FROM GRAPE SEEDS FOR THE IDENTIFICATION OF PREREQUISITES OF THEIR COMPLEX PROCESSING

T.H. SARGSYAN, A.S. DADAYAN, E.V. MINASYAN, A. M. HOVHANNISYAN, L.A. STEPANYAN, A.S. POGOSYAN, M.H. ISRAYELYAN, S.A. DADAYAN

Proceedings of the YSU B Chemical and Biological Sciences 2022 18-30

Article

COMPARATIVE STUDY OF FATTY ACID COMPOSITION OF WHITE AND BLACK SESAME OILS AND DEVELOPMENT OF A RELATIVELY EFFICIENT METHOD FOR ISOLATING THE NATURAL ANTIOXIDANT SESAMOL

A. S. Dadayan, A. S. Poghosyan, S. G. Ghazaryan, E.V. Minasyan, A. M. Hovhannisyan, S. A. Dadayan

Proceedings of the YSU B Chemical and Biological Sciences 2022 203-217

Conference

The valorization of whey-based side-streams for microbial biomass, hydrogen and hydrogenase enzyme production

Anna Poladyan, Hayarpi Aghekyan, Ella Minasyan, Karen Trchounian, Ani Paloyan, Sargis Aghayan, Garabed Antranikian, Meri Iskandaryan, Diana Ghevondyan

2022 85

https://www.femsbelgrade2022.org/

Article

ISOLATION, IDENTIFICATION AND QUANTITATIVE DETERMINATION OF NIFEDIPINE FROM BIOLOGICAL MATERIAL

S.Gh. Petrosyan, L.Yu. Sahakyan, V.G. Kirakosyan, E.V. Minasyan, S. E. Sardaryan

Proceedings of the YSU B Chemical and Biological Sciences 2021 204-211