Ani Aleqsandr Harutyunyan

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Faculty of Biology
Chair of Biochemistry, Microbiology, and Biotechnology
Senior laboratory assistant

Education

Institution	Russian-Armenian (Slavonic) University
Faculty	Medical Biochemistry
Date	2015 - 2021
Degree name	Qualified specialist

Work experience

Institution	Yerevan State University
Period of time	2021 till now
Rank/degree	Senior laboratory assistant

Institution	Russian-Armenian (Slavonic) University
Period of time	2018 - 2020
Rank/degree	Junior scientific researcher

Publications

Article

Comparative Study of Physicochemical Properties and Antibacterial Potential of Cyanobacteria Spirulina platensis-Derived and Chemically Synthesized Silver Nanoparticles
Ani Harutyunyan, Liana Gabrielyan, Anush Aghajanyan, Susanna Gevorgyan, Robin Schubert,

Christian Betzel, Wojciech Kujawski, Lilit Gabrielyan

ACS Omega 2024 29410−29421

Article

THE EFFECT OF EXTREMELY HIGH-FREQUENCY ELECTROMAGNETIC RADIATION ON THE BIOMASS YIELD AND PHOTOSYNTHETIC PIGMENT CONTENT IN CYANOBACTERIA ARTHROSPIRA PLATENSIS
Harutyunyan A.A., Manoyan J.G., Hambaryan L.R., Gabrielyan L.S.

SCIENTIFIC PROCEEDINGS OF THE IXth INTERNATIONAL CONGRESS LOW AND SUPER-LOW FIELDS AND RADIATION IN BIOLOGY AND MEDICINE
2024 98-99

Article

EFFECT OF VARIOUS CARBON SOURCES ON THE GROWTH PROPERTIES AND MORPHOLOGY OF SPIRULINA PLATENSIS

A. A. HARUTYUNYAN, J. G. MANOYAN, L. R. HAMBARYAN, L. S. GABRIELYAN

Proceedings of the YSU B: Chemical and Biological Sciences 2023 164-171

Conference

Effect of various carbon sources on the growth properties and photosynthetic pigments content of Spirulina platensis

A. Harutyunyan, L. Hambaryan, L. Gabrielyan

Conference

THE PHYSICOCHEMICAL AND ANTIMICROBIAL PROPERTIES OF SILVER NANOPARTICLES SYNTHESIZED BY Spirulina BIOMASS

Harutyunyan A., Manoyan J., Gevorgyan S., Gabrielyan L., Aghajanyan A., Gabrielyan L.

Conference

The antibacterial potential of Spirulina platensis-mediated green synthesized silver nanoparticles

L. Gabrielyan, A. Harutyunyan, A. Aghajanyan, L. Gabrielyan

Conference

The effect of silver nanoparticles synthesized using Spirulina biomass on the hydrogen yield and FoF1-ATPase activity in Escherichia coli.

A. Harutyunyan, D. Hakobyan, A. Aghajanyan, L. Gabrielyan

Conference

SPIRULINA-Ի ԿԵՆՍԱԶԱՆԳՎԱԾԻՑ ԱՐԾԱԹԻ ՆԱՆՈՄԱՍՆԻԿՆԵՐԻ ՍԻՆԹԵԶԸ ԵՎ ԴՐԱՆՑ ՀԱԿԱԲԱԿՏԵՐԻԱԿԱՆ ԱԿՏԻՎՈՒԹՅՈՒՆԸ

Հարությունյան Ա.Ա., Մանոյան Ջ.Գ., Աղաջանյան Ա.Ա., Գաբրիելյան Լ.Ս., Գաբրիելյան Լ.Ս.

Conference

Membranous mechanisms of antibacterial action of Spirulina-derived silver nanoparticles on kanamycin-resistant Escherichia coli

A. Harutyunyan, D. Hakobyan, A. Aghajanyan, L. Gabrielyan

Conference

Antibacterial, hemolytic and anticancer activities of silver nanoparticles biosynthesized by phycocyanin extracted from Spirulina

L. Gabrielyan, A. Harutyunyan, A. Hambardzumyan, A. Aghajanyan, N. Avtandilyan, L. Gabrielyan

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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

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Conference

Նոր մոտեցումներ միկրոջրիմուռների կենսազանգվածից կենսաբանական ակտիվությամբ օժտված արծաթի նանոմասնիկների սինթեզի համար

Հարությունյան Ա.Ա., Մանոյան Ջ.Գ., Աղաջանյան Ա.Ա., Գաբրիելյան Լ.Ս., Գաբրիելյան Լ.Ս.
