

Inesa Henrigh Semerjyan

Faculty of Biology

Office of the Faculty of Biology
Specialist on Administrative Affairs

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Education

Institution	Yerevan State Universty
Faculty	Faculty of biology
Date	1992 - 1997
Degree name	Masters

Scientific Rank/degree

Institution	Yerevan State University
Date	2007
Degree name	Candidate
Specialty	Biological sciences
Scientific Supervisor	Grigoryan K.V
Research Topic	Enzymatic activity of soil as indicator of degree of cultivation of soil.

Language skills

English Русский

Work experience

Institution	YSU Faculty of Biology
Period of time	2023 till now
Rank/degree	administration specialist, lecturer

Institution	YSU Faculty of Biology
Period of time	2015 till now
Rank/degree	assistant professor

Institution	YSU Faculty of Biology
Period of time	1997 - 2015
Rank/degree	Senior assistant

Other information

Publications

Article

Characterization and antibacterial/cytotoxic activity of silver nanoparticles synthesized from Dicranum scoparium moss extracts growing in Armenia

Gayane Semerjyan, Inesa Semerjyan, Mikayel Ginovyan, Nikolay Avtandilyan

AIMS Biophysics 2025 29–42

Article

Anti-candida activity of Lacticaseibacillus rhamnosus R-2002 and its possible application in candidiasis prevention

Bazukyan Inga, Aleksanyan Tigran, Hakobyan Lusine, Harutyunyan Ruzanna, Semerjyan Inesa,

Nahapetyan Nelli, Gharibyan Edita, Haertlé Thomas

Iranian Journal of Microbiology 2025 441-450

Article

Effects of Mentha piperita L. and Stevia rebaudiana extracts on the growth of lactic acid bacteria and their potential for functional food development

Tigran Aleksanyan, Vrezh Poghosyan, Ruzanna Harutyunyan, Inesa Semerjyan, Lusya Hovhannisyan,

Thomas Haertlé, Inga Bazukyan

Functional Food Science 2025 436-449

Article

ANTIOXIDANT AND ANTIFUNGAL PROPERTIES OF MOSSES COMMON IN ARMENIA

G.H.Semerjyan, I.H.Semerjyan

Proceedings of the YSU B: Chemical and Biological Sciences 2024 44-53

Article

ANTIOXIDANT ACTIVITY OF EXTRACT FROM THREE SPECIES OF MOSSES: PLAGIOMNIUM CUSPIDATUM, MNIUM SPINOSUM, ANOMODON VITICULOSUS

G.H.Semerjyan, I.H.Semerjyan

Հայաստանի կենսաբանական հանդես 2022 79-86

Article

INVESTIGATION OF AMINO ACID COMPOSITION OF SOME MOSSES GATHERED FROM ARMENIA

G.H. Semerjyan, I.H Semerjyan

Proceedings of the YSU B: Chemical and Biological Sciences 2021 290-295

Article

ԵԼԱՆՅՈՒԹԻ ԱՂԲՅՈՒՐԻ ԵՎ ՈՐՈՇ ՖԻԶԻԿԱԹԻՄԻԱԿԱՆ ԳՈՐԾՈՆՆԵՐԻ ԱԶԴԵՑՈՒԹՅՈՒՆԸ ՍԿԵՐԻ ՑԵԼՅՈՒԼԱԶԻ ԱԿՏԻՎՈՒԹՅԱՆ ՎՐԱ

Հ.Հ Սեմերջյան, Ի.Հ Սեմերջյան, Գ.Հ.Սեմերջյան, Ա.Հ.Թռչունյան

Հայաստանի կենսաբանական հանդես 2020 152-158

Article

Antibacterial Properties and Flavonoids Content of Some Mosses Common in Armenia

Inesa Semerjyan, Gayane Semerjyan, Henrikh Semerjyan, Armen Trchounian

Article

Crupina vulgaris Cass. in vitro culture obtaining
Semerjyan I., Petrosyan M., Sahakyan N., Trchounian A.
Հայաստանի կենսաբանական հանդես 2017 163-166
<http://biology.asj-oa.am/>

Article

Լեռնային սովորական սևահողերի ֆերմենտային ակտիվությունը
Ի.Հ.Սեմերջյան
Հայաստանի կենսաբանական հանդես 2004 87-92
<http://www.flib.sci.am/eng/Biology/>

Conference

Влияние гипоксии на дезаминирование пуриновых нуклеотидов
Г.Г.Семерджян, И.Г.Семерджян, Г.А.Семерджян, А.А.Трчунян

Conference

Biochemical Composition and Antioxidant Property of Some Bryophytes Common in Armenia
G.Semerjyan, I.Semerjyan, A.Trchounian

Conference

BIOLOGICAL ACTIVITY OF ARMENIAN HONEY BEES' VENOM AND LACTIC ACID BACTERIA ISOLATED FROM HONEYBEES' GUT
Anahit Sahakyan, Nelli Vardazaryan, Mery Qocharyan, Nikolay Avtandilyan, Inessa Semerjyan,
Inga Bazukyan

Conference

Territorial and seasonal variations in the honeybee gut microbiome in Armenia
Tigran Aleksanyan, Ruzanna Harutyunyan, Inesa Semerjyan, Svetoslav Dimov, Inga Bazukyan

Conference

Screening of lactic acid bacteria strains with strong antagonistic activity, isolated from the vaginal microbiome
T. Aleksanyan, R. Harutyunyan, I. Smerjyan, E. Gharibyan, I. Bazukyan

Conference

The Study of The Microbiome of Cheeses From Different Regions of Armenia and the Use of Lactic Acid Bacteria Isolated From hem in Cheese Making
Ruzanna Harutyunyan, Tigran Aleksanyan, Inesa Semerjyan, Svetoslav Dimov, Inga Bazukyan

Conference

Biological Activities of Scorpion Venom and Hemolymph from Two Armenian Species
Ani Aghajanyan, Tigran Aleksanyan, Inesa Semerjyan, T. Ghrejyan, G. Karagyan, M. Kalashian,
Inga Bazukyan

Conference

Bee Venom as a Source of Novel Antimicrobial Agents: A Regional Study from Armenia

Inesa Semerjyan, Melanya Grigoryan, Svetlana Hovhannisyan, Nikolay Avtandilyan, Peter Vandamme,
Inga Bazukyan

Conference

Identification of Vaginal Lactic Acid Bacteria Using Classical Microbiological Techniques and MALDI-TOF MS

Ruzanna Harutyunyan, Tigran Aleksanyan, Inesa Semerjyan, Edita Gharibyan, Margo Cnockaert,
Peter Vandamme, Inga Bazukyan

Conference

The Influence of Dicranium scoparium Moss Extract on the Growth of the Yeast Candida guilliermondii NP-4

Gayane Semerjyan, Inesa Semerjyan, Syuzan Marutyan, Hasmik Karapetyan, Hripsime Ter-Sahakyan,
Seda Marutyan
