Inesa Henrigh Semerjyan

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Faculty of Biology
Office of the Faculty of Biology
Administration Specialist

Faculty of Biology
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Faculty of Biology
Chair of Biochemistry, Microbiology, and Biotechnology
Assistant

Education

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

Scientific Rank/degree

Date	2007
Degree name	Candidate
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

Assitent of professor of department of biochemistry, microbiology and biotechnology

Publications

Article

The Influence of Dicranum scoparium Moss Extract on the Growth of Yeasts Candida guilliermondii NP-4

Gayane Henrik Semerjyan, Inessa Henrik Semerjyan, Syuzan Ashot Marutyan,

Hripsime Masis Ter- Sahakyan, Hasmik Maenlest Karapetyan, Seda Victor Marutyan

Biological Science and Innovation for Achieving the Sustainable Development Goals 2026 131-150

https://www.igi-global.com/book/biological-science-innovation-achieving-sustain...

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

Conference

Territorial and seasonal variations in the honeybee gut microbiome in Armenia

Tigran Aleksanyan, Ruzanna Harutyunyan, Inesa Semerjyan, Svetoslav Dimov, Inga Bazukyan

2025 1705 - 1705

https://www.femsmicro.org/

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

2025 405 - 405

https://2025.febscongress.org/

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

2025 26 - 26

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

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

2025 29 - 29

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

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

2025 32 - 32

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

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

2025 35 - 35

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

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

2025 30-30

http://bioenv-sdg.ysu.am

Article

ANTIOXIDANT AND ANTIFUNGAL PROPERTIES OF MOSSESCOMMONINARMENIA

G.H.Semerjyan, I.H.Semrjyan

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

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

2023 295 - 296

https://functionalfoodscience.net/conference-main-page-ffc31/

Article

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

G.H.Semerjyan, I.H.Semerjyan

Biological Journal of Armenia 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 ՖԻԶԻԿԱՔԻՄԻԱԿԱՆ ԳՈՐԾՈՆՆԵՐԻ ԱԶԴԵՑՈՒԹՅՈՒՆԸ ՄԿՆԵՐԻ ՑԵԼՅՈՒԼԱԶԻ ԱԿՏԻՎՈՒԹՅԱՆ ՎՐԱ

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

Biological Journal of Armenia 2020 152-158

Article

Antibacterial Properties and Flavonoids Content of Some Mosses Common in Armenia

Inesa Semerjyan, Gayane Semerjyan, Henrikh Semerjyan, Armen Trchounian

Iranian Journal of Pharmaceutical Sciences 2020 31-42

Conference

Biochemical Composition and Antioxidant Property of Some Bryophytes Common in Armenia

G.Semerjyan, I.Semerjyan, A.Trchounian

2020 116-117

https://www.bioicbh.com/abstract-book

Conference

Влияние гипоксии на дезаминирование пуриновых нуклеотидов

Г.Г.Семерджян, И.Г.Семерджян, Г.А.Семерджян, А.А.Трчунян

2019 131-135

Article

Crupina vulgaris Cass. in vitro culture obtaining

Semerjyan I., Petrosyan M., Sahakyan N., Trchounian A.

Biological Journal of Armenia 2017 163-166

http://biology.asj-oa.am/

Article

Լեռնային սովորական սևահողերի ֆերմենտային ակտիությունը

Ի.Հ.Սեմերջյան

Biological Journal of Armenia 2004 87-92

http://www.flib.sci.am/eng/Biology/
