

# Margarit Torgom Petrosyan

✉ margaritpetrosyan@ysu.am



## Faculty of Biology

Chair of Biochemistry, Microbiology, and Biotechnology

Associate professor

## Education

<b>Institution</b>	YSU, Plant physiology and anatomy
<b>Faculty</b>	YSU, Plant physiology and anatomy
<b>Date</b>	1974 - 1979
<b>Degree name</b>	Qualified specialist

## Scientific Rank/degree

<b>Institution</b>	Yerevan State University
<b>Date</b>	2001
<b>Degree name</b>	Associate professor
<b>Specialty</b>	Biological sciences

## Language skills

English

## Publications

*Article*

### **CHEMICAL COMPOSITION AND ANTIBACTERIAL ACTIVITY OF ESSENTIAL OIL OF MENTHA ARVENSIS L. HARVESTED AT HIGH ALTITUDE ARMENIAN FLORA**

S. K. TADEVOSYAN, A. H. SHIRVANYAN, A. A. MARKOSIAN, M. T. PETROSYAN, N. Zh. SAHAKYAN

Proceedings of the YSU B: Chemical and Biological Sciences 2023 230-237

*Article*

### **Essential Oils of Basil Cultivars Selectively Affect the Activity of Antioxidant Enzymes in Murine Glial Cells**

Naira Sahakyan, Pierre Andreoletti, Mustapha Cherkaoui-Malki, Margarit Petrosyan

Current Nutraceuticals 2022 68-76

*Article*

### **THE CHEMICAL COMPOSITION AND ANTIOXIDANT PROPERTIES OF SOME SPECIES OF ARTEMISIA GENUS, REPRESENTED IN ARMENIAN FLORA**

A. M. BABAYAN, M. T. PETROSYAN, N. Zh. SAHAKYAN

Proceedings of the YSU B: Chemical and Biological Sciences 2022 161-168

Article

**Possible Preventive Effect of Ziziphora clinopodioides Lam. Essential Oil on Some Neurodegenerative Disorders**

Naira Sahakyan, Margarit Petrosyan

OBM Neurobiology 2022 1-17

---

Article

**Ribes nigrum L. Extract-Mediated Green Synthesis and Antibacterial Action Mechanisms of Silver Nanoparticles**

Zaruhi Hovhannisyanyan, Marina Timotina, Jemma Manoyan, Lilit Gabrielyan, Margarit Petrosyan,

Barbara Kusznierevicz, Agnieszka Bartoszek, Claus Jacob, Mikayel Ginovyan, Karen Trchounian,

Naira Sahakyan, Muhammad Jawad Nasim

Antibiotics 2022 1-17

---

Article

**Artemisia dracunculus L. essential oil phytochemical components trigger the activity of cellular antioxidant enzymes**

Naira Sahakyan, Pierre Andreoletti, Mustapha Cherkaoui-Malki, Margarit Petrosyan, Armen Trchounian

Journal of Food Biochemistry 2021 e13691

---

Article

**ANTIOXIDANT POTENTIAL OF SOME HERBS REPRESENTED IN ARMENIAN FLORA AND CHARACTERIZATION OF PHYTOCHEMICALS**

M. M. Ginovyan, N. Zh. Sahakyan, M.T. Petrosyan, A. H. Trchounian

Proceedings of the YSU B: Chemical and Biological Sciences 2021 25-38

---

Article

**Isolated culture of A. reptance L., its' morphological and growth features**

Elen Poghosyan, Naira Sahakyan, Margarit Petrosyan, Irina Batlutskaya, Karen Trchounian

BIO Web of Conferences 2021 1-9

---

Article

**SOME PECULIARITIES OF ESSENTIAL OIL OF DAMASK ROSE GROWING IN HIGH ALTITUDE ARMENIAN LANDSCAPES**

N.Zh. Sahakyan, M.T. Petrosyan, A.H. Trchounian

Proceedings of the YSU B: Chemical and Biological Sciences 2020 68-74

---

Article

**Bioavailability of Tannins and Other Oligomeric Polyphenols: a Still to Be Studied Phenomenon**

Naira Sahakyan, Agnieszka Bartoszek, Claus Jacob, Margarit Petrosyan, Armen Trchounian

Current Pharmacology Reports 2020 131-136

---

Article

**Organum vulgare L. extract-mediated synthesis of silver nanoparticles, their characterization and antibacterial activities**

Syuzanna Hambardzumyan, Naira Sahakyan, Margarit Petrosyan, Muhammad Jawad Nasim, Claus Jacob,

Armen Trchounian

AMB Express 2020 1-11

---

Article

**INCREASING OF THE SUPEROXIDE DISMUTASE TOTAL ACTIVITY IN MICROGLIAL CELLS UNDER THE TREATMENT BY RIBES NIGRUM L. ALCOHOL EXTRACT**

N. Zh. SAHAKYAN, M. T. PETROSYAN, A. H. TRCHOUNIAN

Proceedings of the YSU B: Chemical and Biological Sciences 2020 216-222

---

Article

**SOME LAMIACEAE FAMILY PLANT ESSENTIAL OIL CHEMICAL COMPOSITION AND THEIR POTENTIAL AS ANTIMICROBIAL AGENTS AGAINST ANTIBIOTIC-RESISTANT BACTERIA**

N. Zh. SAHAKYAN, M. T. PETROSYAN, A. H. TRCHOUNIAN

Proceedings of the YSU B: Chemical and Biological Sciences 2019 23-28

---

Article

**ANTIBACTERIAL AND ANTI-PHAGE ACTIVITY OF PLANTAGO MAJOR L. RAW MATERIAL**

N. Zh. Sahakyan, M. M. Ginovyan, M. T. Petrosyan, A. H. Trchounian

Proceedings of the YSU B: Chemical and Biological Sciences 2019 59-64

---

Article

**The activity of Alkanna species in vitro culture and intact plant extract against antibiotic resistant bacteria**

Naira Sahakyan, Margarit Petrosyan, Armen Trchounian

CURRENT PHARMACEUTICAL DESIGN 2019 1861-1865

---

Article

**Essential oil and ethanol extract of oregano (Origanum vulgare L.) from Armenian flora as natural source of terpenes, flavonoids and other phytochemicals with antiradical, antioxidant, metal chelating, tyrosinase inhibitory and antibacterial activity**

Armenuhi Moghrovyan, Naira Sahakyan, Anush Babayan, Naira Chichoyan, Margarit Petrosyan,

Armen Trchounian

CURRENT PHARMACEUTICAL DESIGN 2019 1809-1816

---

Article

**The Caucasian flora: a still-to-be-discovered rich source of antioxidants**

Naira Sahakyan, Margarit Petrosyan, Izabela Koss-Mikołajczyk, Agnieszka Bartoszek,

Tamara Gabour Sad, Muhammad Jawad Nasim, Maia Vanidze, Aleko Kalandia, Claus Jacob,

Armen Trchounian

FREE RADICAL RESEARCH 2019 1-10

---

Article

**Plant origin phenolics as prospective antioxidants: State-of-art for application**

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

Advances in Biological Sciences Research 2019 266-269

---

Article

**CHEMICAL COMPOSITION AND ANTIMICROBIAL POTENTIAL OF ESSENTIAL OIL OF ARTEMISIA DRACUNCULUS L., CULTIVATED AT HIGH ALTITUDE ARMENIAN LANDSCAPE**

Margarit Petrosyan, Naira Sahakyan, Armen Trchounian

Proceedings of the YSU B: Chemical and Biological Sciences 2018 116-121

---

Article

**Antimicrobial activity of some plant materials used in Armenian traditional medicine**

Mikayel Ginovyan, Margarit Petrosyan, Armen Trchounian

BMC Complementary and Alternative Medicine 2017 1-9

<https://bmccomplementaltermmed.biomedcentral.com/>

---

*Article*

**Chemical composition and some biological activities of the essential oils from basil *Ocimum different cultivars***

Ani Avetisyan, Anahit Markosian, Margarit Petrosyan, Naira Sahakyan, Anush Babayan, Samvel Aloyan,

Armen Trchounian

BMC Complementary and Alternative Medicine 2017 1-8

<https://bmccomplementaltermmed.biomedcentral.com/>

---

*Article*

**The radical scavenging activity of some species of *Artemisia* genus, represented in Armenian flora**

Babayan A., Sahakyan N., Petrosyan M., Trchounian A.

Հայաստանի կենսաբանական հանդես 2017 96-99

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

---

*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*

**Dermal benefits of essential oil distilled from a high altitude damask rose cultivated in Armenia**

A. Avetisyan, A. Markosyan, S.Aloyan, M. Petrosyan, N. Sahakyan, A. Trchounian

CLINICAL AND EXPERIMENTAL DERMATOLOGY 2016 43-43

<http://www.omicsonline.org/clinical-experimental-dermatology-research.php>

---

*Article*

**Comparative analysis of chemical composition and biological activities of *Ajuga genevensis* L. in in vitro culture and intact plant**

Sahakyan N., Petrosjan M., Trchounian A

International Journal of Biological, Biomolecular, Agricultural, Food and Biotechnological Engineering 2016 322-326

<https://www.waset.org/journal/Biological>

---

*Monograph*

**Redox State as a Central Regulator of Plant-Cell Stress Responses. Chapter 2. Plant Cell Redox Homeostasis and Reactive Oxygen Species (Ed. D.K. Gupta et al.)**

A. Trchounian, M. Petrosyan, N. Sahakyan

2016 25

---

*Article*

***Alkanna orientalis* (L.) Boiss. plant isolated cultures and antimicrobial activity of their extracts: phenomenon, dependence on different factors and effects on some membrane-**

**associated properties of bacteria.**

Margarit Petrosyan, Yekaterina Shcherbakova, Naira Sahakyan, Zaruhi Vardanyan, Anna Poladyan,

Yuri Popov, Armen Trchounian

PLANT CELL TISSUE AND ORGAN CULTURE 2015 727-738

<http://link.springer.com/journal/11240>

---

*Article*

**Amberboa sosnovskyi Iljin in vitro culture obtaining**

M. Petrosyan, N. Sahakyan, A. Babayan, A. Trchounian

Electronic Journal of Natural Sciences of NAS RA 2015 7-10

<http://ejns.sci.am>

---

*Article*

**Sizolophus balzamita Lam. մեկուսացված կալուսի ստացման, աճի և նյութափոխանակության որոշ առանձնահատկությունների շուրջ**

Դավթյան Հ., Սահակյան Ն., Բաբայան Ա., Պետրոսյան Մ.

ԵՊՀ ՈՒԳԸ գիտական հոդվածների ժողովածու 2015 56-61

<http://www.ysu.am/sss/hy>

---

*Article*

**Hypericum elongatum Ledeb. Մեկուսացված կուլտուրայի միկրոբազմացման առանձնահատկությունները**

Իսաջյան Ս., Սահակյան Ն., Բաբայան Ա., Պետրոսյան Մ.

ԵՊՀ ՈՒԳԸ գիտական հոդվածների ժողովածու 2015 99-105

<http://www.ysu.am/sss/hy>

---

*Article*

**Alkanna orientalis (L.) Boiss. plant callus cultures as novel source with antibacterial activity**

N. Sahakyan, M. Petrosjan, A. Trchounian

Journal of Microbial and Biochemical Technology 2015 46-46

<http://www.omicsonline.org/editorialboard-microbial-biochemical-technology-open...>

---

*Article*

**Chemical composition and biological activities of the essential oils of Ocimum basilicum purpureum, Ocimum basilicum thrysiflora and Ocimum citrodorum**

A. Avetisyan, A. Markosyan, M. Petrosyan, N. Sahakyan, A. Trchounian, S. Aloyan

CLINICAL AND EXPERIMENTAL DERMATOLOGY 2015 43-43

<http://www.omicsonline.org/clinical-experimental-dermatology-research.php>

---

*Article*

**Էթիլենը բույսերի և մարդու կյանքում**

Մարգարիտ Պետրոսյան, Նաիրա Սահակյան, Արմեն Թռչունյան

Գիտության աշխարհում 2015 46-52

[http://www.isec.am/science/in\\_the\\_world\\_of\\_science.html](http://www.isec.am/science/in_the_world_of_science.html)

---

*Article*

**Էթիլենը բույսերի և մարդու կյանքում (շարունակություն)**

Մարգարիտ Պետրոսյան, Նաիրա Սահակյան, Արմեն Թռչունյան

Գիտության աշխարհում 2015 40-46

[http://www.isec.am/science/in\\_the\\_world\\_of\\_science.html](http://www.isec.am/science/in_the_world_of_science.html)

---

Article

**Բույսերի մեկուսացված կուլտուրան որպես դեղաբանական նշանակությամբ նյութերի ստացման այլընտրանքային աղբյուր**

Մարգարիտ Պետրոսյան, Արմեն Թռչունյան, Նաիրա Սահակյան

Գիտության աշխարհում 2014 48-53

<http://www.ga.isec.am>

---

Article

**Ինքնուրույն ուսուցման և հետազոտական աշխատանքի հմտությունների զարգացումը կենսաբանության մասնագիտական առարկաների դասավանդման գործընթացում**

Մ.Թ. Պետրոսյան, Ն.Ժ. Սահակյան, Ա.Հ.Թռչունյան

Բնագետ 2014 147-148

---

Article

**Оценка антимикробной и антиоксидантной активностей изолированной культуры *Hypericum elongatum* Ledeb**

Бабаян А.М., Петросян М.Т., Саакян Н.Ж., Трчунян А. А, Исаджян С.А.

АКТУАЛЬНЫЕ ПРОБЛЕМЫ ГУМАНИТАРНЫХ И ЕСТЕСТВЕННЫХ НАУК 2014 38-41

<http://new.publikacia.net/>

---

Article

**Isolated Culture of St.-John's Wort Elongated (*Hypericum Elongatum* Ledeb.) as the Source of Biologically Active Compounds**

M.T. Petrosyan, A.H. Trchounian, Y.N. Shcherbakova, Yu.G. Popov

ՀՀ ԳԱԱ զեկոլոյցներ 2013 193-202

<http://www.flib.sci.am/eng/Reports/Frame.html>

---

Manual

**Բույսերի ֆիզիոլոգիա**

Մ. Պետրոսյան, Կ. Ազարյան, Ա. Թռչունյան

2013 125

---

Article

**Содержание нейтральных липидов и жирных кислот в листьях интактных растений и каллусных культурах *Ajuga chia* и *Ajuga genevensis***

Саакян Н.Ж., Петросян М.Т., Попов Ю.Г., Ширшова Т.И., Матистов Н.В., Володин В.В.

Растительные ресурсы 2012 389-395

<http://www.binran.ru/science/periodicheskoye-izdaniya/rastitelnye-resursy/>

---

Article

**Введение шафрана посевного (*Crocus sativus* L.) в изолированную культуру**

М.Т. Петросян, Н.Ж. Саакян, Ю.Г. Попов

ԵՊՀ Գիտական տեղեկագիր, Բնական գիտություններ 2011 36-39

<http://ysu.am/science/hy/1355990920>

---

Article

**Оптимизация питательных сред для выращивания культур *A. genevensis* L. и *A. chia* Schreb. (*A. genevensis* L. և *A. chia* Schreb.)**

Н.Ж.Саакян, М.Т. Петросян

ԵՊՀ Գիտական տեղեկագիր, Բնական գիտություններ 2010 46-51

<http://ysu.am/science/hy/1355990920>

---

*Article*

**Изучение минимальной ингибирующей концентрации изолированной культуры живучки женеvской (*Ajuga genevensis* L.)**

Н.Ж. Саакян, М.Т. Петросян

ԵՊՀ Գիտական տեղեկագիր, Բնական գիտություններ 2010 50-54

<http://ysu.am/science/hy/1355990920>

---

*Article*

**Content of neutral lipids and fatty acids in callus cultures and leaves of intact plants of *Ajuga genevensis* and *Ajuga chia***

N. Zh. Sahakyan, M. T. Petrosyan, Yu. G. Popov, V. V. Volodin, N. V. Matistov, I. V. Gruzdev,

T. I. Shirshova

Proceedings of Second Balkan conference on Biology 2010 87-90

<http://www.tandfonline.com/doi/pdf/10.1080/13102818.2010.10817800>

---

*Article*

**Isolated culture of *Ajuga genevensis* L. as potential source of biological active substances**

N. Zh. Sahakyan, M.T. Petrosyan, V.V. Volodin, S.O. Volodina, Yu.G. Popov

New Armenian Medical journal 2008 65-73

[http://www.ysmu.am/index.php?option=com\\_content&view=article&id=111&Itemid=638&...](http://www.ysmu.am/index.php?option=com_content&view=article&id=111&Itemid=638&...)

---

*Article*

**Антибактериальная активность изолированной культуры живучки женеvской *Ajuga genevensis* L.**

Н. Ж. СААКЯН, М.Т. ПЕТРОСЯН, ДЖ.А. АГАДЖАНЫАН

Հայաստանի կենսաբանական հանդես 2008 60-65

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

---

*Article*

**Получение изолированных культур *Ajuga genevensis* L. и *Ajuga chia* Schreb. и их характеристика**

Н.Ж. Саакян, М.Т. Петросян, Ю.Г. Попов

ԵՊՀ Գիտական տեղեկագիր, Բնական գիտություններ 2007 96-100

<http://ysu.am/science/hy/1355990920>

---

*Conference*

**Dermal benefits of essential oil distilled from a high altitude damask rose cultivated in Armenia**

Arpi Avetisyan, A. Markosian, S. Aloyan, M. Petrosyan, N. Sahakyan, A. Trchounian

---

*Conference*

**Antimicrobial Activity of the Essential Oils of *Ziziphora Clinopodioides* Lam. from Armenia**

N. Sahakyan, M. Petrosyan, A. Avetisyan, A. Markosian, S. Aloyan, A. Trchounian

---

*Conference*

**Essential Oils of Basil Plants as Antimicrobial Agents**

M. Petrosyan, A. Avetisyan, A. Markosian, N. Sahakyan, A. Babayan, S. Aloyan, A. Trchounian

---

*Conference*

**Comparative analysis of chemical composition and biological activities of *Ajuga genevensis* L. in in vitro culture and intact plants**

Naira Sahakyan, Margarit Petrosyan, Armen Trchounian

---

*Conference*

**The investigation of antimicrobial activity of *Origanum vulgare* L. herb alcohol extract`s fraction**

Moghrovyan A., Petrosyan M., Chichoyan N., Sahakyan N., Trchounian A.

---

*Conference*

**Investigation of mutual influence of bacterial bio-preparations "Azotovit-1" and "Melanin" on the yield of *Solanum tuberosum***

Petrosyan M., Avetisova G., Hovsepian A., Sahakyan A., Azaryan K., Sahakyan N.

---

*Conference*

**Essential oil of *Origanum vulgare* L. as a source with antibacterial activity**

Sahakyan N., Petrosyan M., Moghrovyan A., Chichoyan N., Hovhannisyan N., Babayan A., Mouradyan M, Trchounian A.

---

*Conference*

**Evaluation of antimicrobial and antioxidant activity of isolated culture of St.-John`s wort elongated (*Hypericum elongatum* LEDEB.)**

Babayan A., Petrosyan M.T, Sahakyan N.Zh., Trchounian A.H.

---

*Conference*

**Free radical scavenging activity and total flavonoid content of essential oil and ethanol extracts of *Origanum vulgare* L., represented in Armenian flora**

Mariam Sh. Muradyan, Naira Zh. Sahakyan, Margarit T. Petrosyan, Anush A. Babayan, Armen Trchounian

---

*Conference*

**Free radical scavenging activity and total flavonoid content of *Sambucus tigrani* Troitsky, growing in Armenian flora**

A. Babayan, M. Petrosyan, N. Sahakyan, M. Muradyan, A. Trchounian

---

*Conference*

**Free radical scavenging activity of *Amberboa sosnovskyi* ILJIN, *Hypericum elongatum* LEDEB and *Stizolophus balsamita* Lam plant isolated cultures**

Naira Sahakyan, Margarit Petrosyan, Armen Trchounian

---

*Conference*

**Получение изолированных культур некоторых редких и исчезающих видов растений флоры Белгородской области в условиях in vitro**

М.Т. Петросян

---

*Conference*

**Antibacterial, Antifungal and Anti-Phage Activity of Di**

M. Ginovyan, M. Petrosyan, A. Trchounian

---



Conference

**Essential Oil from Thymus vulgaris L. as Antimicrobial Agent**

N. Sahakyan, M. Petrosyan, A. Avetisyan, A. Markosyan, S. Aloyan, A. Babayan, A. Trchounian

---

Conference

**Antimicrobial activity of some plant materials used in Armenian folk medicine**

M. Ginovyan, M. Petrosyan, A. Trchounian

---

Conference

**Antibiotic modulatory effect of the methanolic extracts from Armenian herbs against several gram-negative and gram-positive bacteria**

Ginovyan M., Petrosyan M., Trchounian A.

---

Conference

**In vitro antioxidant potential of ethanol extracts of different plants from Armenian flora**

N. Sahakyan, M. Zareyan, S. Hambardzumyan, M. Petrosyan, A. Trchounian

---

Conference

**Սոդէլային փորձերը կենսաբանության մասնագիտական առարկաների դասավանդման գործընթացում**

Պետրոսյան Մ.Թ., Սահակյան Ն. Ժ., Թռչունյան Ա.Հ.

---

Conference

**Stizolophus balsamita Lam. isolated culture extracts as the antioxidant agents**

N. Sahakyan, M. Petrosyan, A. Babayan, A. Trchounian

---

Conference

**Antioxidant activity of Stizolophus balsamita Lam. in vitro culture**

Zareyan M., Sahakyan N., Petrosyan M., Trchounian A.

---

Conference

**The Radical Scavenging Activity of Ajuga genevensis L. in vitro culture**

Sahakyan N., Petrosyan M., Trchounian A.

---

Conference

**Antioxidant activity of Ajuga genevensis L. in vitro culture**

Hambardzumyan S., Sahakyan N., Petrosyan M., Trchounian A.

---

Conference

**Antibiotic Resistance of Bacteria: Novel Findings on Antimicrobial Agents and Activation of Resistance Genes**

I. Bazukyan, D. Soghomonian, A. Margaryan, N. Sahakyan, M. Petrosyan, A. Trchounian

---

Conference

**The Chemical Composition and Antimicrobial Potential of Artemisia Dracunculus L., Cultivated At High Altitude Armenian Landscape**

M. Petrosyan, N. Sahakyan, A. Avetisyan, S. Aloyan, A. Trchounian

---

Conference

**Gc-MsA analysis of Bio-Active Compounds from Methanol Extracts of R. Obtusifolius and A. Eupatorid L. Possessing Antimicrobial Activity**  
M. Ginovyan, M. Petrosyan, N. Sahakyan, A. Trchounian

---

*Conference*

**Antioxidant activity from alcohol extracts of some plants of Armenian flora: The highest level and its probable nature**  
Naira Sahakyan, Margarit Petrosyan, Armen Trchounian

---

*Conference*

**Antibacterial and Anti-phage Activity of Raw Material Plantago major L., a Medicinal plant Grown in Armenia**  
A. Trchounian, N. Sahakyan, M. Ginovyan, M. Petrosyan

---

*Conference*

**Comparative analysis of Amberboa sosnovskyi ILJIN intact plant and isolated culture chemical composition and biological activity**  
Petrosyan M.T., Sahakyan N. Zh., Aloyan S., Trchounian A.

---

*Conference*

**The antioxidant activity of Ajuga genevensis L. in vitro culture**  
Sahakyan N., Petrosyan M., Trchounian A.

---

*Conference*

**RUMEX OBTUSIFOLIUS AND HIPERICUM ALPESTRE HERBS AS SOURCES FOR NEW ANTIOXIDANT COMPOUNDS**  
Sahakyan N, Ginovyan M., Andreoletti P., Cherkaoui-Malki M., Petrosyan M., Trchounian A.

---

*Conference*

**ARTEMISIA DRACUNCULUS L. ESSENTIAL OIL: INFLUENCE ON ENZYMATIC ACTIVITY IN MICROGLIAL BV2 WILD TYPE AND ACYL-COA OXIDASE TYPE 1 DEFICIENT CELL LINES**  
Sahakyan N., Andreoletti P., Cherkaoui-Malki M., Petrosyan M., Trchounian A.

---

*Conference*

**The chemical composition of tarragon (Artemisia dracunculus L.) essential oil and its effects on antioxidant enzymes activity of microglial cells**  
Sahakyan N., Andreoletti P., Cherkaoui-Malki M., Petrosyan M., Trchounian A.

---

*Conference*

**ANTIMICROBIAL, ANTIOXIDANT AND ANTI-HYPERGLYCEMIC ACTIVITY OF SOME PLANTS FROM ARMENIAN FLORA AND GROWING IN HYDROPONIC CONDITIONS: MODERN STUDIES AND FURTHER APPLICATIONS**  
Sahakyan N., Ginovyan M., Aghajanyan A., Petrosyan M., Trchounian A.

---

*Conference*

**ISOLATED CULTURE OF AJUGA REPTANCE L., ITS' MORPHOLOGICAL AND GROWTH FEATURES**  
Poghosyan E.J., Sahakyan N.Zh., Petrosyan M.T., Batlutskaya I.V., Trchounian K.A.

---

*Conference*

**Antibacterial activity of Ribes nigrum extract-mediated synthesized AgNPs**

Hovhannisyan Z., Manoyan J., Petrosyan M., Gabrielyan L., Sahakyan N.

---

*Conference*

**Changes in antioxidant enzymes activity of neuroglial cells under the treatment with basil essential oils**

Naira Sahakyan, Margarit Petrosyan, Pierre Andreoletti, Mustapha Cherkaoui-Malki

---

*Ematerial*

**Բույսերի կենսատեխնոլոգիա**

Մարզարիտ Թորգոմի Պետրոսյան

---

*Conference*

**Antimicrobial and antioxidant potential of some plant crude extract**

Margarit Petrosyan, Alvard Minasyan, Anahit Shirvanyan, Anush Babayan, Mikayel Ginovyan,

Naira Sahakyan

---

*Conference*

**Potential of plant origin compounds as therapeutic agents**

Naira Sahakyan, Margarit Petrosyan

---

*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

---

*Conference*

**THE OXIDATIVE STRESS AND POSSIBLE PREVENTIVE ACTION OF PLANT BORN POLYPHENOLS**

Anahit Shirvanyan, Anush Babayan, Alvard Minasyan, Margarit Petrosyan, Anna Poladyan,

Naira Sahakyan

---

*Conference*

**THE OXIDATIVE STRESS AND T2DM-INDUCED DIABETIC NEPHROPATHY: POSSIBLE PREVENTIVE ACTION OF PANT-BORN OLIGOMERIC POLYPHENOLS**

Gohar Sahakyan, Anne Vejux, Margarit Petrosyan, Anna Poladyan, Naira Sahakyan

---