

Научно-исследовательский институт биологии

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Статья

Ribes nigrum leaf extract downregulates pro-inflammatory gene expression and regulates redox balance in microglial cells

Alvard Minasyan, Vivien Pires, Catherine Gondcaille, Mikayel Ginovyan, Marika Mróz, Stéphane Savary, Mustapha Cherkaoui-Malki, Barbara Kuszniereicz, Agnieszka Bartoszek, Pierre Andreoletti,

Naira Sahakyan

BMC Complementary Medicine and Therapies 2025 1-17

Статья

ABC Proteins as Regulators of Plant Tolerance to Biotic and Abiotic Stresses

Gohar Sahakyan, Naira Sahakyan

Plant Stress Tolerance: Molecular Mechanisms and Breeding Strategies 2025 203-222

Статья

The potential of blackcurrant, fig, and grape leaf extracts in the development of new preparations for overcoming antibiotic resistance and enhancing the efficacy of chemotherapeutic agents

Mikayel Ginovyan, Silvard Tadevosyan, Anahit Shirvanyan, Anush Babayan, Barbara Kuszniereicz, Izabela Koss-Mikołajczyk, Marika Mróz, Agnieszka Bartoszek, Naira Sahakyan

BMC Complementary Medicine and Therapies 2025 1-54

Статья

Comparison of sulfur and nitrogen deprivation effects on photosynthetic pigments, polyphenols, photosystems activity and H₂ generation in Chlorella vulgaris and Parachlorella kessleri

Jemma Manoyan, Lilit Hakobyan, Tatsiana Samovich, Nikolai Kozel, Naira Sahakyan,

Hanna Muravitskaya, Vadim Demidchik, Lilit Gabrielyan

International Journal of Hydrogen Energy 2024 408-418

Статья

Redoxification (of the Organism) Through Diet and Supplementation with a Focus on Natural Polymeric Redox Modulators

Naira Sahakyan, Muhammad Jawad Nasim, Claus Jacob

Current Pharmacology Reports 2024 1-11

Статья

DYNAMICS AND FUNCTION OF THE REDOX REGULATORY NETWORK OF PLANTS UNDER STRESS

N.Zh. Sahakyan

Proceedings of the YSU B: Chemical and Biological Sciences 2024 68-78

Статья

Influence of menthol on membrane-associated properties of tetracycline-resistant *Escherichia coli*

Silvard Tadevosyan, Naira Sahakyan

AIMS Biophysics 2024 329-339

Статья

Phenolic compounds and antimicrobial activity of extracts of apricot leaves derived from the trees treated with pesticides

Anna M. Grigoryan, Varsik S. Mirzoyan, Ruzanna M. Hanisyan, Naira Zh. Sahakyan, D. Karapetyan

Functional Foods in Health and Disease 2024 968-983

Статья

Antimicrobial activity and mechanisms of action of *Origanum vulgare* L. essential oil: effects on membrane-associated properties

Armenuhi Moghrovyan, Naira Sahakyan

AIMS Biophysics 2024 508-526

Статья

Anti-cancer effect of *Rumex obtusifolius* in combination with arginase/nitric oxide synthase inhibitors via downregulation of oxidative stress, inflammation, and polyamine synthesis

Mikayel Ginovyan, Hayarpi Javrushyan, Gayane Petrosyan, Barbara Kusznierevich,

Izabela Koss-Mikołajczyk, Zuzanna Koziara, Monika Kuczyńska, Patrycja Jakubek, Anna Karapetyan,

Naira Sahakyan, Alina Maloyan, Agnieszka Bartoszek, Nikolay Avtandilyan

International Journal of Biochemistry & Cell Biology 2023 106396

Статья

Screening revealed the strong cytotoxic activity of *Alchemilla smirnovii* and *Hypericum alpestre* ethanol extracts on different cancer cell lines

Mikayel Ginovyan, Svetlana Hovhannisyan, Hayarpi Javrushyan, Gohar Sevoyan, Zaruhi Karabekyan,

Narine Zakaryan, Naira Sahakyan, Nikolay Avtandilyan

AIMS Biophysics 2023 12-22

Статья

ANTIMICROBIAL ACTIVITY OF ETHANOL EXTRACTS OF *RIBES NIGRUM* AND *RIBES RUBRUM* LEAVES

A.M. Babayan, N.Zh. Sahakyan

Proceedings of the YSU B: Chemical and Biological Sciences 2023 54-62

Статья

Lamiaceae Family Plants: One of the Potentially Richest Sources of Antimicrobials

N. Zh. Sahakyan

Химико-фармацевтический журнал (Pharmaceutical Chemistry Journal) 2023 565-572

Статья

The Action Mechanisms, Anti-Cancer and Antibiotic-Modulation Potential of Vaccinium myrtillus L. Extract

Mikayel Ginovyan, Anush Babayan, Anahit Shirvanyan, Alvard Minasyan, Meri Qocharyan,

Barbara Kusznierevich, Izabela Koss-Mikołajczyk, Nikolay Avtandilyan, Anne Vejux, Agnieszka Bartoszek,

Naira Sahakyan

Discovery Medicine 2023 590-611

Статья

The possible anti-inflammatory properties of hydro-ethanolic extract of Oregano

Armenuhi Moghrovyan, Mikayel Ginovyan, Nikolay Avtandilyan, Lilya Parseghyan, Armen Voskanyan,

Naira Sahakyan, Anna Darbinyan

Functional Foods in Health and Disease 2023 476-486

Статья

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

Статья

Antinociceptive, anti-inflammatory, and cytotoxic properties of Origanum vulgare essential oil, rich with β -caryophyllene and β -caryophyllene oxide

Armenuhi Moghrovyan, Lilya Parseghyan, Gohar Sevoyan, Anna Darbinyan, Naira Sahakyan,

Monica Gaboyan, Zaruhi Karabekian, Armen Voskanyan

KOREAN JOURNAL OF PAIN 2022 140-151

Статья

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

Статья

Hypericum alpestre extract affects the activity of the key antioxidant enzymes in microglial BV 2 cellular models

Mikayel Ginovyan, Pierre Andreoletti, Mustapha Cherkaoui-Malki, Naira Sahakyan

AIMS Biophysics 2022 161-171

Статья

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

Статья

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

Naira Sahakyan, Margarit Petrosyan

OBM Neurobiology 2022 1-17

Статья

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 Kusznierevich, Agnieszka Bartoszek, Claus Jacob, Mikayel Ginovyan, Karen Trchounian, Naira Sahakyan, Muhammad Jawad Nasim

Antibiotics 2022 1-17

Статья

Growth inhibition of cultured cancer cells by Ribes nigrum leaf extract

Mikayel Ginovyan, Agnieszka Bartoszek, Izabela Koss-Mikołajczyk, Barbara Kusznierevich, Pierre Andreoletti, Mustapha Cherkaoui-Malki, Naira Sahakyan

AIMS Biophysics 2022 282-293

Статья

The Role of Oxidative Stress-Mediated Inflammation in the Development of T2DM-Induced Diabetic Nephropathy: Possible Preventive Action of Tannins and Other Oligomeric Polyphenols

Gohar Sahakyan, Anne Vejux, Naira Sahakyan

Molecules 2022 9035

Статья

Antioxidant potential, biochemical activity and hypoglycemic effects of R. obtusifolius L. seed extracts used in Armenian traditional medicine

Mikayel Ginovyan, Naira Sahakyan, Anush Aghajanyan, Armen Trchounian

BIO Web of Conferences 2021 1-6

Статья

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

Статья

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

Статья

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

Статья

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

Статья

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

Статья

Origanum 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

Статья

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

Статья

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

Статья

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

Статья

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

Статья

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

Статья

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

Статья

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

Статья

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

Статья

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://bmccomplementalternmed.biomedcentral.com/>

Статья

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/>

Статья

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/>

Статья

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>

Статья

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>

Монография

Статья

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>

Статья

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>

Статья

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>

Статья

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>

Статья

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...>

Статья

Chemical composition and biological activities of the essential oils of Ocimum basilicum purpureum, Ocimum basilicum thyriflora 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>

Статья

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

Статья

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/>

Статья

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/periodicheskiye-izdaniya/rastitelnye-resursy/>

Статья

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>

Статья

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>

Статья

Изучение минимальной ингибирующей концентрации изолированной культуры живучки женовской (*ajuga genevensis* L.)

Н.Ж. Саакян, М.Т. Петросян

ԵՊՀ գիտական տեղեկագիր, Բնական գիտություններ 2010 50-54

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

Статья

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>

Статья

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&...

Статья

Морфофизиологические особенности изолированных культур живучки женеvской (*Ajuga genevensis* L.) произрастающей в различных высотных поясах

Н.Ж. Саакян

ԵՊՀ Գիտական տեղեկագիր, Բնական գիտություններ 2008 113-117

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

Статья

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

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

Հայաստանի կենսաբանական հանդես 2008 60-65

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

Статья

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>

Конференция

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

Конференция

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

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

Конференция

Essential Oils of Basil Plants as Antimicrobial Agents

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

Конференция

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

Конференция

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

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

Конференция

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

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

Конференция

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.

Конференция

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.

Конференция

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

Конференция

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

Конференция

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

Naira Sahakyan, Margarit Petrosyan, Armen Trchounian

Конференция

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

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

Конференция

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

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

Конференция

Մոդելային փորձերը կենսաբանության մասնագիտական առարկաների դասավանդման գործընթացում

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

Конференция

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

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

Конференция

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

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

Конференция

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

Sahakyan N., Petrosyan M., Trchounian A.

Конференция

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

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

Конференция

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

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

Конференция

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

Конференция

Gc-MS Analysis of Bio-Active Compounds from Methanol Extracts of *R. Obtusifolius* L. and *A. Eupatorioides* L. Possessing Antimicrobial Activity

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

Конференция

Antioxidant activity from alcohol extracts of some plants of Armenian flora: The highest level and its probable nature

Naira Sahakyan, Margarit Petrosyan, Armen Trchounian

Конференция

Overcoming Antibiotic Resistance: Heavy Metal Nanoparticles as Antibacterial Agents against Antibiotic Resistant *Escherichia coli* Strains

A. Trchounian, L. Gabrielyan, N. Sahakyan

Конференция

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

Конференция

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.

Конференция

The antioxidant activity of *Ajuga genevensis* L. in vitro culture

Sahakyan N., Petrosyan M., Trchounian A.

Конференция

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.

Конференция

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.

Конференция

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.

Конференция

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.

Конференция

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.

Конференция

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

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

Конференция

***Hipericum alpestre* extract has not high potential as neuroprotective agent**

Naira Sahakyan, P. Andreoletti, M. Cherkaoui-Malki

Конференция

Antioxidant properties of some herbal extracts from Armenian flora, evaluation of their cytotoxicity and genotoxicity on HT29 cell line

Mikayel Ginovyan, Zuzanna Koziara, Monika Baranowska, Klaudia Suliborska, Patrycja Jakubek, Barbara Kuszniereicz, Nikolay Avtandilyan, Naira Sahakyan, Agnieszka Bartoszek

Конференция

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

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

Конференция

High antioxidant and cytotoxic activity of *Rumex obtusifolius* seed extract and metabolomic characterization of its bioactive phytochemicals.

M. Ginovyan, Z. Koziara, M. Baranowska, I. Koss-Mikolajczyk, K. Suliborska, P. Jakubek, B. Kuszniereicz, N. Avtandilyan, N. Sahakyan, A. Bartoszek

Конференция

Antimicrobial and antioxidant potential of some plant crude extract

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

Конференция

Potential of plant origin compounds as therapeutic agents

Naira Sahakyan, Margarit Petrosyan

Конференция

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

Конференция

Բուսական ծագմամբ միացությունների ներուժը սննդի և կերերի արտադրության կոնսերվանտների և նոր կենսաբանորեն ակտիվ հավելումների մշակման ոլորտում

Սահակյան Ն.

Конференция

THE OXIDATIVE STRESS AND POSSIBLE PREVENTIVE ACTION OF PLANT BORN POLYPHENOLS

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

Naira Sahakyan

Конференция

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

Конференция

ՕՔՍԻԴԱՅԻՆ ՍԹՐԵՍԸ ԵՎ ԲՈՒՍԱԿԱՆ ՊՈԼԻՖԵՆՈԼՆԵՐԻ ՀՆԱՐԱՎՈՐ ԿԱՆԽԱՐԳԵԼԻՉ ԱՉԴԵՑՈՒԹՅՈՒՆԸ

Սահակյան Ն.Ժ.

Конференция

From metabolomics to medicine: exploiting the functional potential of plant extracts in human health, with emphasis on *Ribes nigrum*, *Ficus carica* and *Vitis vinifera*

S. Tadevosyan, M. Ginovyan, N. Avtandilyan, A. Shirvanyan, A. Bartoszek, N. Sahakyan

Конференция

From agro-bio-waste to application: the power of bilberry aerial part extract as anti-cancer and antibiotic-modulating agent

N. Sahakyan, M. Ginovyan, A. Babayan, A. Shirvanyan, A. Minasyan, B. Kusznierevicz,

I. Koss-Mikołajczyk, N. Avtandilyan, A. Bartoszek

Конференция

Harnessing plant extracts to overcome antibiotic resistance: leaf extracts of *Ribes nigrum*, *Ficus carica*, and *Vitis vinifera* as resistance modifiers of *E. coli* strains

M. Ginovyan, A. Shirvanyan, S. Tadevosyan, A. Babayan, B. Kusznierevicz, N. Avtandilyan, A. Bartoszek,

N. Sahakyan

Конференция

Impact of menthol on ATPase activity and ion flux in antibiotic-resistant *Escherichia coli*

Silvard K. Tadevosyan, Anahit Shirvanyan, Karen Trchounian, Naira Sahakyan

Конференция

Bioenergetic Properties of Microbes as Potential Target for Antibacterial Activity of Plant-Based Compounds

Anna Poladyan, Karen Trchounian, Naira Sahakyan
