

Научно-исследовательский институт биологии

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

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

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Discovery Medicine 2023 590-611

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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

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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

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

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KOREAN JOURNAL OF PAIN 2022 140-151

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

Current Nutraceuticals 2022 68-76

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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

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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

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***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

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

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

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

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

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

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Current Pharmacology Reports 2020 131-136

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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

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

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Naira Sahakyan, Margarit Petrosyan, Armen Trchounian

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CURRENT PHARMACEUTICAL DESIGN 2019 1809-1816

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

Armen Trchounian

FREE RADICAL RESEARCH 2019 1-10

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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

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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

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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., Petrosyan M., Trchounian A

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

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

Монография

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

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 sosnovskiy 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...>

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

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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

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.

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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>

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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>

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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>

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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>

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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&...

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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>

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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>

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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

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

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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

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

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

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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.

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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.

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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

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

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

Naira Sahakyan, Margarit Petrosyan, Armen Trchounian

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

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

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

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

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Մոդելային փորձերը կենսաբանության մասնագիտական առարկաների դասավանդման գործընթացում

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