

Tatevik Hovhannes Sargsyan

Institute of Pharmacy
Chair of Biomedical Sciences
Associate professor

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✉ tatev-sargsyan@ysu.am

🎓 Education

Institution	Yerevan State University
Faculty	Chemistry and Pharmaceutical Chemistry
Date	2001 - 2006
Degree name	Qualified specialist

🎓 Scientific Rank/degree

Institution	Yerevan State University
Date	2022
Degree name	Associate professor
Specialty	Pharmaceutical sciences

Institution	"Armbiotechnology" Scientific and Production Center
Date	2012
Degree name	Candidate
Specialty	Chemical sciences
Scientific Supervisor	Ashot Saghyan; Yuri Danghyan
Research Topic	Ֆունկցիոնալ տեղակալված ոչ սպիտակուցային α -ամինաթթուներ պարունակող դի- և տրիպեպտիդների սինթեզը և դրանց ազդեցությունը պրոտեազների վրա

🌐 Language skills

Հայերեն Русский English

📁 Work experience

Institution	Yerevan State University
Period of time	2022 till now
Rank/degree	Associate Professor

Institution	"Armbiotechnology" Scientific and Production Center
Period of time	2020 till now
Rank/degree	Senior Researcher

Institution	Yerevan State University
Period of time	2015 - 2022
Rank/degree	Assistant

Institution	"Armbiotechnology" Scientific and Production Center
Period of time	2012 - 2020
Rank/degree	Researcher

Institution	Yerevan State University
Period of time	2012 - 2015
Rank/degree	Laboratory assistant

Institution	"Armbiotechnology" Scientific and Production Center
Period of time	2006 - 2012
Rank/degree	Junior Researcher

Scientific interests

- peptide synthesis
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Participation in international conferences and seminars

08/06/2017 - 10/06/2017	Dutch peptide symposium Netherlands (the)
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Membership

Institution	Member of RA "Armenian Association of Biotechnologists" public organization
Period of time	2014 till now

Institution	Member of the Scientific Council of YSU Institute of Pharmacy
Period of time	2020 till now

Publications

Article

MODELING, SYNTHESIS AND IN VITRO SCREENING OF UNUSUAL AMINO ACIDS AND PEPTIDES AS PROTEASE INHIBITORS

Ani Dadayan, Armen Sargsyan, Heggine Hakobyan, Zorayr Mardiyan, Silva Jamharyan,
Nelli Hovhannisyan, Tatevik Sargsyan

Journal of Chemical Technology and Metallurgy 2023 615-620

Article

Development of an efficient method for obtaining lactose and lactulose from whey

Tatevik Sargsyan, Avetis Tsaturyan, Lilya Arstamyanyan, Anyuta Sargsyan, Jaklina Saribekyan,,

Ani Voskanyan, Ella Minasyan, Monika Israelyan, Lala Stepanyan

Pharmacia 2023 1039-1046

Article

STUDY OF THE CHEMICAL COMPOSITION, ANTIBACTERIAL AND ANTIOXIDANT ACTIVITY OF VARIOUS EXTRACTS OF THE AERIAL PART OF LEONURUS CARDIACA

T. H. Sargsyan, L. A. Stepanyan, M. H. Israyelyan, K. J. Karapetyan, A. H. Tsaturyan

Farmacia 2023 1064-1071

Article

Detection and development of a quantitation method for undeclared compounds in antidiabetic biologically active additives and its validation by high performance liquid chromatography

Virab Gurgen Kirakosyan, Avetis Hovhannes Tsaturyan, Lilit Eduard Poghosyan, Ella Vardan Minasyan,

Hayk Razmik Petrosyan, Lusine Yurik Sahakyan, Tatevik Hovhannes Sargsyan

Pharmacia 2022 45-50

Article

STUDY OF OIL AND POMACE FROM GRAPE SEEDS FOR THE IDENTIFICATION OF PREREQUISITES OF THEIR COMPLEX PROCESSING

T.H. SARGSYAN, A.S. DADAYAN, E.V. MINASYAN, A. M. HOVHANNISYAN, L.A. STEPANYAN,

A.S. POGOSYAN, M.H. ISRAYELYAN, S.A. DADAYAN

Proceedings of the YSU B: Chemical and Biological Sciences 2022 18-30

Article

DEVELOPMENT OF AN HPLC METHOD FOR SIBUTRAMINE IDENTIFICATION. SEARCH FOR UNDECLARED SIBUTRAMINE IN BIOLOGICALLY ACTIVE ADDITIVES APPETITE SUPPRESSANTS

T. H. SARGSYAN, R. E. ISRAYELYAN

Proceedings of the YSU B: Chemical and Biological Sciences 2022 31-40

Article

Asymmetric Synthesis of Derivatives of Alanine via Michael Addition Reaction and their Biological Study

Mkrtchyan Anna, Tovmasyan Anna, Paloyan Ani, Sargsyan Armen, Simonyan Hayarpi, Sahakyan Lusine,

Petrosyan Satenik, Hayriyan Liana, Sargsyan Tatevik

Synlett 2022 2013-2018

Article

SYNTHESIS OF (S)-ALANYL-(S)- β -(THIAZOL-2-YL-CARBAMOYL)- α -ALANINE, DIPEPTIDE CONTAINING IT AND IN VITRO INVESTIGATION OF THE ANTIFUNGAL ACTIVITY

TATEVIK SARGSYAN, HEGHINE HAKOBYAN, ZORAYR MARDIYAN, NUNE KHACHATURYAN,

SONA GEVORGYAN, SILVA JAMGARYAN, ENZHENA GYULUMYAN, YURI DANGHYAN, ASHOT SAGHYAN

Farmacia 2022 1148-1154

Article

Quantitative analysis of biologically active substances and the investigation of antioxidant

and antimicrobial activities of some extracts of Osage orange fruits

Ani Slavik Dadayan, Lala Ashot Stepanyan, Tatevik Hovhannes Sargsyan, Anahit Mkhitar Hovhannisyanyan,

Slavik Arshak Dadayan

Pharmacia 2021 731-739

Article

STUDY OF PEPTIDES BIOACTIVITY SYNTHESIZED ON THE BASIS OF (S)- α -ALLYLGLYCINE NON-PROTEIN AMINO ACID

T.H. SARGSYAN, A.M. HOVHANNISYAN, G.F. MKRTCHYAN, A.S. SARGSYAN

Chemical Journal of Armenia 2021 48-56

Article

TARGETED SYNTHESIS OF N-TERTBUTOXYCARBONYLGLYCYL-(S)- α -ALLYLGLYCYL-(S)-ALANINE TRIPEPTIDE AND STUDY OF ITS EFFECT ON COLLAGENASE ACTIVITY

T. H. SARGSYAN, S. M. JAMGARYAN, E. A. GYULUMYAN, A. S. SARGSYAN, H. I. HAKOBYAN,

Z. Z. MARDIYAN

Chemical Journal of Armenia 2021 58-65

Manual

Օրգանիզմի էներգածախսի որոշման, որոշ կաթնամթերքների էներգետիկ արժեքի և որակի գնահատման ու վերահսկման մեթոդները

Տարբերակ Սարգսյան

2021 119

Article

SYNTHESIS OF N-TERT-BUTYLOXYCARBONYLGLYCYL-(S)-b-[4- ALLYL-3-PROPYL-5-THIOXO-1,2,4-TRIAZOL-1-YL]- α -ALANINE DIPEPTIDE AND STUDY OF ITS ANTIFUNGAL EFFECT

T. H. SARGSYAN, Z. Z. MARDIYAN, Yu. M. DANGHYAN, E. A. GYULUMYAN, N. S. KHACHATURYAN,

S. A. GEVORGYAN, H.I. HAKOBYAN, S. M. JAMGARYAN, A. S. SAGHYAN

Chemical Journal of Armenia 2019 495-501

Article

СИНТЕЗ N-ТРЕТ-БУТОКСИКАРБОНИЛ-(S)-АЛАНИЛГЛИЦИЛ-(S)- β -(3- ИЗОБУТИЛ-4-АЛЛИЛ-5-ТИОКСО-1,2,4-ТРИАЗОЛ-1-ИЛ)- α -АЛАНИНА И ИЗУЧЕНИЕ ВОЗДЕЙСТВИЯ ТРИПЕПТИДА НА ЭЛЕКТРИЧЕСКУЮ АКТИВНОСТЬ НЕЙРОНОВ ЧЕРНОЙ СУБСТАНЦИИ В УСЛОВИЯХ МОДЕЛИ БОЛЕЗНИ ПАРКИНСОНА

T. O. SARGSYAN, YU. M. DANGHYAN, S. M. DJAMGARYAN, E. A. GYULUMYAN, G. A. PANOSYAN, M. V. POGOSYAN,

Дж. С. САРГСЯН, А. С. САГЯН

Chemical Journal of Armenia 2018 368-376

Article

TARGETED SYNTHESIS OF 9-FLUORENYLMETHYLOXYCARBONYLGLYCYL-(S)- β -[4-ALLYL-3-PROPYL-5-THIOXO-1,2,4-TRIAZOL-1-YL]- α -ALANINE AND STUDY OF ITS EFFECT ON COLLAGENASE ACTIVITY

T. H. SARGSYAN, Yu. M. DANGHYAN, S. M. JAMGARYAN, A. S. SARGSYAN, E. A. GYULUMYAN,

H. A. PANOSYAN, N. A. HOVHANNISYAN, A. M. HOVHANNISYAN, A. H. TSATURYAN, A. S. SAGHYAN

Chemical Journal of Armenia 2018 571-578

Article

Синтез ди- и трипептидов, содержащих (S)-2-амино-3-[4-аллил-(3-пиридин-4`- и (S)-2-амино-3-[4-аллил-(3-пиридин-3`-ил)-5-тиоксо-1,2,4-триазол-1-ил]-пропио-новые кислоты
Саргсян, Т. О., Цатурян, А. О., Сагиян, А. С., Дангян, Ю. М., Дангян, В. Т., Джемгарян, С. М.,
Гюлумян, Э. А., Паносян, Г. А.

Հայաստանի քիմիական հանդես 2017 92-99

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

Article

МОДЕЛИРОВАНИЕ ПОТЕНЦИАЛЬНО БИОЛОГИЧЕСКИ АКТИВНЫХ (S)- α -АЛЛИЛГЛИЦИНСОДЕРЖАЩИХ ПЕПТИДОВ, ВЫЯВЛЕНИЕ ИХ ВОЗМОЖНЫХ БИОЛОГИЧЕСКИХ СВОЙСТВ С ПОМОЩЬЮ ПРОГРАММЫ ПАСС-ОНЛАЙН И ЦЕЛЕВОЙ СИНТЕЗ
Т. О. САРГСЯН, Ю. М. ДАНГЯН, В. Т. ДАНГЯН, С. М. ДЖАМГАРЯН, Э. А. ГЮЛУМЯН, Г. А. ПАНОСЯН,
А. О. ЦАТУРЯН, А. С. САГЯН

Հայաստանի քիմիական հանդես 2016 320-332

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

Conference

Synthesis and PASS prediction novel biologically active short peptides
A.Hovhannisyanyan, T.A. Sargsyan, S.M. Jamgaryan, E.A. Gyulumyan, Yu. M. Danghyan, A.H.Tsaturyan,
A.S. Saghyan

Conference

MODELING OF DIPEPTIDES CONTAINING POTENTIAL BIOLOGICALLY ACTIVE (S)- α -PROPARGYLGYCINE, DISCLOSURE OF POSSIBLE BIOLOGICAL PROPERTIES AND TARGETED SYNTHESIS
T.H. Sargsyan, A.H. Tsaturyan, A.M. Hovhannisyanyan, A.S. Saghyan

Conference

Synthesis and PASS prediction novel biologically active short peptides
T.H. Sargsyan, N. Hovhannisyanyan, A.S. Saghyan, A.M. Hovhannisyanyan, A.H. Tsaturyan, S.M. Jamgaryan,
E. A. Gyulumyan, Yu. M. Danghyan

Conference

Modeling, synthesis and study of impact of peptides containing unsaturated double bond amino acids on collagenase activity
T. Sargsyan, T.Khachatryan, A.S. Sargsyan, L.Yu. Danghyan, S.M. Jamgaryan, E.A.Gyulumyan,
N. A. Hovhannisyanyan, L.A. Hayriyan, A.M. Hovhannisyanyan, A. H. Tsaturyan, A.S. Saghyan

Conference

Modeling, synthesis and study of impact of N-t-BOC-(S)- β -[4-allyl-3- (pyridin-3'-yl)-5-thioxo-1,2,4-triazol-1-yl]- α -alanyl-(S)-alanyl-glycyl- (S)- β -[4-allyl-3-(pyridin-3'-yl)-5-thioxo-1,2,4-triazol
T. Sargsyan, A . Sargsyan, Yu. Danghyan, S. Jamgaryan, E. Gyulumyan, A. Hovhannisyanyan,
N. Hovhannisyanyan, A. Tsaturyan, A. Saghyan
