

Tatevik Hovhannes Sargsyan

Institute of Pharmacy

Chair of Biomedical Sciences

Associate professor

34-25

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 սահտակուցային 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
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Institution	"Armbiotechnology" Scientific and Production Center
Period of time	2012 - 2020
Rank/degree	Researcher
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Institution	Yerevan State University
Period of time	2012 - 2015
Rank/degree	Laboratory assistant
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Institution	"Armbiotechnology" Scientific and Production Center
Period of time	2006 - 2012
Rank/degree	Junior Researcher
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Scientific interests

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- peptide synthesis
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Participation in international conferences and seminars

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

Membership

Institution	Member of RA "Armenian Association of Biotechnologists" public organization
Period of time	2014 till now
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Institution	Member of the Scientific Council of YSU Institute of Pharmacy
Period of time	2020 till now

Publications

Article

Neuroprotective Properties of Clove (*Syzygium aromaticum*): State of the Art and Future

Pharmaceutical Applications for Alzheimer's Disease

Tatevik Sargsyan, Hayarpi Simonyan, Avetis Tsaturyan, Lala Stepanyan, Raffaele Pastore,

Caterina Vicedomini, Germano Guerra, Giovanni N. Roviello

Biomolecules 2025 452

Article

Synthesis of Nonnatural Amino Acid Derivatives with Ni Complexes and Investigation of the Antifungal Activity of Their Dipeptide Derivatives

Tatevik H. Sargsyan, Ashot S. Saghyan, Hegine I. Hakobyan, Nune Khachaturyan, Sona Gevoryan, Yuri M. Danghyan, Zorayr Z. Mardiyan, Armen Zakarian

Synlett 2025 925-929

Article

Optimal time for preparing Amaranthus paniculatus L. herb

Tatevik Sargsyan, Avetis Tsaturyan, Lala Stepanyan, Monika Israyelyan, Samvel Ghazaryan

Bulgarian Journal of Agricultural Science 2025 13-18

Article

Synthesis and Antifungal Activity of Fmoc-Protected 1,2,4-Triazolyl- α -Amino Acids and Their Dipeptides Against Aspergillus Species

Tatevik Sargsyan, Avetis Tsaturyan, Nelli Hovhannisyan, Anna Mkrtchyan, Ashot Saghyan, Giovanni N. Roviello, Caterina Vicidomini, Lala Stepanyan, Henrik Panosyan, Heghine Hakobyan,

Monika Israyelyan

Biomolecules 2025 2-21

Article

Unnatural Phosphorus-Containing α -Amino Acids and Their N-FMOC Derivatives: Synthesis and In Vitro Investigation of Anticholinesterase Activity

Ani S. Dadayan, Anna F. Mkrtchyan, Atravazd S. Poghosyan, Slavik A. Dadayan, Lala A. Stepanyan, Monika H. Israyelyan, Anna S. Tovmasyan, Avetis H. Tsaturyan, Nona A. Hovhannisyan, Vigen O. Topuzyan, Tatevik H. Sargsyan, Ashot S. Saghyan

ChemistrySelect 2024 1-10

Article

Targeted synthesis of dipeptides containing derivatives of (S)-phenylalanine and study of their antifungal activity

Tatevik Sargsyan, Lala Stepanyan, Monika Israyelyan, Heghine Hakobyan, Nune Khachaturyan, Sona Gevorgyan, Anahit Hovhannisyan, Silva Zhamharyan

Pharmacia 2024 1-6

Article

The Synthesis and in vitro Study of 9-fluorenylmethoxycarbonyl Protected Non-Protein Amino Acids Antimicrobial Activity

T.H. Sargsyan, L.A. Stepanyan, M.H. Israyelyan, H.I. Hakobyan, S.M. Jamgaryan, A.A. Gasparyan, A.S. Saghyan

Eurasian Chemico-Technological Journal 2024 235-240

Article

SYNTHESIS OF DIPEPTIDES AND IN VITRO EVALUATION OF ANTIFUNGAL ACTIVITY

Anyuta V. Sargsyan, Tatevik H. Sargsyan, Zhaklin N. Saribekyan, Ani O. Voskanyan, Ani G. Mkrtchyan, Gohar F. Mkrtchyan, Svetlana H. Apoyan, Arpine V. Geolchanyan, Khachik S. Hakobyan,

Anahit M. Hovhannisyan

ԵՊՀ գիտական տեղեկագիր. Թիվ և կենսաբանություն: 2024 9

Article

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

Ani Dadayan, Armen Sargsyan, Heghine 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 Arstamyan, 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

Mkrtyan 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 Hovhannisyan,

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**

Տաթևիկ Սարդյան

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 Н-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. SARGBYAN, YU. M. DANHYAN, S. M. DZHAMBARYAN, E. A. GYULUMYAN, G. A. PANOSYAN, M. V. POGOSYAN,

Dzh. C. SARGBYAN, A. S. SAGHAN

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., Джамгарян, 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 PASS-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. САГИЯН

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.Hovhannisyan, 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. Hovhannisyan, A.S. Saghyan

Conference

Synthesis and PASS prediction novel biologically active short peptides

T.H. Sargsyan, N. Hovhannisyan, A.S. Saghyan, A.M. Hovhannisyan, 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. Hovhannisyan, L.A. Hayriyan, A.M. Hovhannisyan, 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. Hovhannisyan,
N. Hovhannisyan, A. Tsaturyan, A. Saghyan
