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## Language skills

Հայերեն Русский English

## Publications

*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*

### **Synthesis of enantiomerically enriched non-protein $\alpha$ -amino acids and their study as aldose reductase inhibitors**

Anna F. Mkrtchyan, Liana A. Hayriyan, Armen S. Sargsyan, Ani M. Paloyan, Anna S. Tovmasyan,  
Ani J. Karapetyan, Artur A. Hambardzumyan, Nelli A. Hovhannisyan, Henrik A. Panosyan,  
Hamlet N. Khachatryan, Ani S. Dadayan, Ashot S. Saghyan

Synthetic Communications 2021 1433-1450

*Article*

### **Исследования стабильности плазмид антибиотикорезистентности у почвенных условно-патогенных штаммов *Stenotrophomonas* и *Pseudomonas***

Бабаян Б.Г., Саргсян А.С., Багдасарян С.А, Мелкумян М.А., Давидян Т.С, Оганесян Н.А,

Оганесян А.М.

Авиценна 2019 13-17

*Article*

### **RESISTANCE TO $\beta$ -LACTAM ANTIBIOTICS IN SOME SOIL STENOTROPHOMONAS AND PSEUDOMONAS.**

Hovhannisyan A.M., Hovhannisyan N. A., Babayan B.G., Sargsyan A.S., Davidyan T.S.

The scientific heritage 2019 32-38

*Book*

### **Կենսաբանություն 8 Մարդ Մաս 1**

Ս.Վ. Ամիրյան, Է.Ս. Գևորգյան, Ֆ.Դ. Դանիելյան, Ա.Հ. Եսայան, Ե.Ա. Հովհաննիսյան

2019 104

*Article*

### **Heterocyclic substituted non-protein amino acids as inhibitors of *Clostridium histolyticum***

**collagenase**

A.M. Hovhannisyanyan, N. A. Hovhannisyanyan, A. G. Mkrtchyan, A.S. Sargsyan, B.G Babayan, N. S. Avetisyan

Հայաստանի կենսաբանական հանդես 2018 12-15

[http://biology.asj-oa.am/view/people/Hovhannisyanyan=3AA=2E\\_M=2E=3A=3A.html](http://biology.asj-oa.am/view/people/Hovhannisyanyan=3AA=2E_M=2E=3A=3A.html)

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*Article***RESPONSE OF MULTIDRUG-RESISTANT PSEUDOMONAS AERUGINOSA STRAINS TO ACTION OF SYNTHETIC AMINO ACIDS AND PEPTIDES**

A. M. HOVHANNISYAN, N. A. HOVHANNISYAN, N. S. AVETISYAN, M. A. MELKUMYAN, G. G. OGANEZOVA, M. H. KINOSYAN, M. B. CHITCHYAN

ԵՊՀ գիտական տեղեկագիր, Քնական գիտություններ 2017 54-57

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

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*Article***Influence of Glutamate Dehydrogenase Activity on L-Proline Synthesis**

S.K. Keleshyanyan, Zh.V. Karapetyanyan, A.Kh. Chakhalyanyan, N.A. Hovhannisyanyan, G.Ye. Avetisova,

M.B. Chitchyan, G.G. Oganezova, M.A. Melkumyan, N.S. Avetisyan, L.H. Melkonyan

Applied Biochemistry and Microbiology 2017 470-476

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*Conference***Novel synthetic peptides inhibiting the growth of multi-drug resistant Pseudomonas aeruginosa strains**

A.Hovhannisyanyan, N.Hovhannisyanyan, G. Oganezova, M.Melkumyan, N. Avetisyan, M.Kinosyan, M.Chitchyan

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*Conference***Synthesis and PASS prediction novel biologically active short peptides**

T.H. Sargsyan, N. Hovhannisyanyan, A.S. Saghyanyan, A.M. Hovhannisyanyan, A.H. Tsaturyan, S.M. Jamgaryanyan,

E. A. Gyulumyan, Yu. M. Danghyanyan

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*Conference***Novel synthetic amino acids and peptides demonstrating pharmacological properties**

A.Hovhannisyanyan, N. Hovhannisyanyan, N. Avetisyan, A. Mkrtchyan, G. Oganezova, M. Melkumyan,

M.Chitchyan, A.Sargsyan

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*Conference***Modeling, synthesis and study of impact of peptides containing unsaturated double bond amino acids on collagenase activity**

T. Sargsyan, T.Khachatryanyan, A.S. Sargsyan, L.Yu. Danghyanyan, S.M. Jamgaryanyan, E.A.Gyulumyan,

N. A. Hovhannisyanyan, L.A. Hayrianyan, A.M. Hovhannisyanyan, A. H. Tsaturyan, A.S. Saghyanyan

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*Conference***The Research of Aminoglycoside Resistance Spread in Non-Pathogenic Strains of Pseudomonas Isolated From Soil**

A.Hovhannisyanyan, N. Hovhannisyanyan, A.Sargsyan, B. Babayan, M. Kinosyan, T.Davidyan, S. Bagdasaryanyan,

M.Melkumyan, G.Oganezova

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*Conference***“Study on stability of soil Pseudomonas and Xanthomonas plasmids possessing antibiotic resistance genes”**

Hovhannisyan N.A., Babayan B.G., Sargsyan A.S., Bagdasaryan S.A, Hovhannisyan A.M.

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*Conference*

**Modeling, synthesis and study of impact of N-t-BOC-(S)- $\beta$ -[4-allyl-3- (pyridin-3'-yl)-5-thioxo-1,2,4-triazol-1-yl ]- $\alpha$ -alanyl-(S)-alanyl-glycyl- (S)-  $\beta$ -[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

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