

# Ани Григоревна Мкртчян

## Институт фармации

Кафедра биомедицинских наук

Ассистент

☎ 34-25

✉ nelli\_hovhannisyan@ysu.am

## Знание языков

Հայերեն Русский English

## Публикации

Статья

### **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

Статья

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

Anna F. Mkrтчян, 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

Статья

### **Analysis of genome sequence and trehalose lipid production peculiarities of the thermotolerant *Gordonia* strain**

Yanina Delean, Armen Sargsyan, Nelli Hovhannisyan, Bella Babayan, Kirill Petrikov, Mikhail Vainstein

Journal of Basic Microbiology 2020 14-21

Статья

### **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

Статья

### **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

Книга

## **Կենսաբանություն 8 Մարդ Մաս 1**

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

2019 104

---

*Статья*

### **Inactivation of *Macrovipera lebetina obtusa* snake venom by enzymes of multidrug resistant *Pseudomonas***

Bella G. Babayan, N.A. Hovhannisyanyan, M.A. Melkumyan, A. Sargsyan

Toxicon 2019 S20

---

*Статья*

### **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)

---

*Статья*

### **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, Բնական գիտություններ 2017 54-57

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

---

*Статья*

### **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. Chitchyanyan, G.G. Oganezova, M.A. Melkumyan, N.S. Avetisyan, L.H. Melkonyanyan

Applied Biochemistry and Microbiology 2017 470-476

---

*Конференция*

### **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.Chitchyanyan

---

*Конференция*

### **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. Jamgaryanyan,

E. A. Gyulumyan, Yu. M. Danghyanyan

---

*Конференция*

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

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

M.Chitchyanyan, A.Sargsyan

---

*Конференция*

### **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

---

*Конференция*

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

A.Hovhannisyan, N. Hovhannisyan, A.Sargsyan, B. Babayan, M. Kinosyan, T.Davidyan, S. Bagdasaryan,  
M.Melkumyan, G.Oganezova

---

*Конференция*

**“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.

---

*Конференция*

**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

---