

# Margarita Benjamin Matevosyan

 matevosyanm@ysu.am

## Faculty of Biology

Chair of Genetics and Cytology

Assistant

## Education

Institution	YSU
Faculty	Biology
Date	1979 - 1985
Degree name	Qualified specialist

## Scientific Rank/degree

Institution	Institute of H. Buniatian Institute of Biochemistry, of NAN RA
Date	2006
Degree name	Candidate
Specialty	Biological sciences
Scientific Supervisor	Rouben Aroutiounian
Research Topic	“ Estimation and genotoxicity monitoring of waters from some rivers in Armenia ”

## Language skills

Русский English

## Work experience

Institution	Research Institute of Biology
Period of time	2016 till now
Rank/degree	researcher

Institution	H. Buniatian institute of Biochemistry, of Neurohormones Biochemistry, NAN RA
Period of time	2007 - 2022
Rank/degree	Senior researcher

Institution	Department of Genetic and Cytology, YSU
Period of time	2007 till now
Rank/degree	Assistant of Professor

Institution	YSU, Department of Genetic and Cytology
-------------	---

<b>Period of time</b>	1997 - 2007
<b>Rank/degree</b>	Lecturer (part time)
<b>Institution</b>	Yerevan State University
<b>Period of time</b>	1985 - 2007
<b>Rank/degree</b>	Laboratory assistant

## Scientific interests

- Genetics, Cytogenetics, Genetic Toxicology, Oncogenetics, Immunology, Microbiology, Neurochemistry, Biochemistry.

## Participation in international conferences and seminars

<b>09/06/2012 -</b>	Twenty-second Meeting of the European Neurological Society
<b>12/06/2012</b>	Czech Republic (the)
<b>27/01/2013 -</b>	Basic Immunology Research in Allergy and Clinical Immunology
<b>30/01/2013</b>	EAACI Immunology Winter School
	Austria
<b>15/03/2023</b>	BIODIVERSITY AND ITS PROTECTION IN ARMENIA
	Alex and Marie Manukyan Hall of the American University of Armenia. Age is no barrier
	Armenia
<b>01/12/2022 -</b>	4nd INTERNATIONAL CONGRESS OF GERIATRIC AND GERONTOLOGY
<b>02/12/2022</b>	Alex and Marie Manukyan Hall of the American University of Armenia. Age is no barrier
	Armenia
<b>17/12/2020</b>	"INTERNATIONAL ONLINE CONFERENCE DEDICATED TO THE 90TH ANNIVERSARY OF ACADEMICIAN ARMEN GALOYAN "NEUROBIOLOGY IN THE 21ST CENTURY" ARMENIA,, 2020"
	YEREVAN
	Armenia
<b>29/10/2019 -</b>	Eurasian Food Security Conference.
<b>31/10/2019</b>	Armenian National Agrarian University
	Armenia
<b>03/07/2019</b>	"Newest methods of treatment of osteoporosis and related diseases"
	YEREVAN
	Armenia

<b>06/11/2017 -</b>	2nd PAN ARMENIAN SCIENTIFIC FORUM
<b>08/11/2017</b>	YEREVAN
	Armenia
<hr/>	
<b>26/11/2018 -</b>	"Science week 2018"
<b>30/11/2018</b>	YSMU
	Armenia
<hr/>	
<b>06/11/2018</b>	"Reproductively Significant Infections" Workshop
	Elite Plaza Business Center
	Armenia
<hr/>	
<b>28/09/2018 -</b>	First Pan-Armenian International Congress of Geriatrics
<b>29/09/2018</b>	Erebuni Plaza Business Center
	Armenia
<hr/>	
<b>27/10/2018</b>	"First Immunodeficiency Conference , 1st J-Project
	Ibis Hotel
	Armenia
<hr/>	
<b>26/10/2018</b>	"First International Conference: Bats of Eastern Europe"
	Ibis Hotel
	Armenia
<hr/>	
<b>30/09/2018</b>	"BRAIN Neurology and Neurosurgery International Conference",
	Radisson Blue Hotel
	Armenia
<hr/>	
<b>22/09/2018 -</b>	19TH Congress of the European Section of the International society of Toxinology
<b>26/09/2018</b>	(EU-IST Congress),
	Elite Plaza Business Center
	Armenia
<hr/>	
<b>21/08/2018 -</b>	Modern views of neonatology. Malignant enterocolitis in infants: new ways of
<b>22/08/2018</b>	diagnosis, treatment and prevention
	YSBU
	Armenia
<hr/>	
<b>08/06/2018 -</b>	Towards Health Second Annual Scientific and Educational Conference
<b>09/06/2018</b>	Elite Plaza Business Center
	Armenia
<hr/>	
<b>18/07/2016 -</b>	4th Annual International Conference on Chemistry
<b>21/07/2016</b>	Athens Institute for Education and Research
	Greece

<b>23/06/2015 -</b>	Achievements of Armenian women in the field of biological sciences
<b>24/06/2015</b>	RA NAS H. after Buniatyan Institute of Biochemistry Armenia
<hr/>	
<b>05/10/2014 -</b>	"TRENDS IN MICROBIOLOGY AND MICROBIAL BIOTECHNOLOGY".International
<b>08/10/2014</b>	Scientific Workshop. Yerevan State University. Armenia
<hr/>	
<b>30/08/2014 -</b>	FEBS-EMBO 2014 Conference
<b>04/09/2014</b>	Paris France
<hr/>	
<b>22/07/2013 -</b>	First 1st Annual International Conference on Physics & Chemistry
<b>25/07/2013</b>	Athens Greece
<hr/>	
<b>12/10/2012 -</b>	Materials of the conference "Physiological mechanisms of organisms' function regulation",
<b>14/10/2012</b>	Yerevan Armenia
<hr/>	
<b>08/09/2012 -</b>	Abstracts of the 16th Congress of the European Federation of Neurological Societies
<b>11/09/2012</b>	Stockholm Sweden
<hr/>	
<b>22/11/2012 -</b>	28. Collection of articles of the VI international scientific conference "Innovative
<b>23/11/2012</b>	development and demand for science in modern Kazakhstan" Almaty Kazakhstan
<hr/>	
<b>26/09/2012 -</b>	Proceedings of the International Young Scientists Conference "Perspectives for
<b>29/09/2012</b>	Development of Molecular and Cellular Biology-3" Yerevan Armenia
<hr/>	
<b>22/09/2011 -</b>	SiNAPSA Neuroscience Conference '11 Central European FENS Featured Regional
<b>25/09/2011</b>	Meeting Ljubljana Ljubljana Slovenia
<hr/>	
<b>03/09/2011 -</b>	FEBS,16th International Summer School on Immunology. IMMUNE SYSTEM: GENES,
<b>11/09/2011</b>	RECEPTORS AND REGULATION. Hvar Croatia
<hr/>	
<b>25/06/2011 -</b>	36-th FEBS Congress, Final programme Biochemistry for Tomorrow's Medicine
<b>30/06/2011</b>	Torino

Italy

---

**20/02/2011 -** FEBS Advanced lecture course "Trends in Genetics: Genomic Instability and Pathways of Response"  
**26/02/2011**  
Yerevan  
Armenia

---

**24/05/2010 -** Environmental Engineering and Sustainability.  
**25/05/2010**  
Athens Institute for Education and Research  
Greece

---

**06/10/2010 -** International Conference dedicated to the 90th anniversary of YSMU foundation,  
**10/10/2010**  
Yerevan State Medical University,  
Armenia

---

**09/10/2010 -** Third International Conference, Dedicated to N.W. Timofeeff-Ressovsky "Modern  
**10/10/2010**  
Problems of Genetics, Radiobiology, Radioecology and Evolution"  
Alushta  
Russian Federation (the)

---

**25/09/2010 -** of the 14th Congress of the European Federation of Neurological Societies  
**28/09/2010**  
Geneva  
Switzerland

---

**01/09/2010 -** EMBO/FEBS Advanced Course Host-Microbes Interactions  
**09/09/2010**  
Spetses  
Greece

---

**26/06/2010 -** 17. 35th FEBS Congress  
**01/07/2010**  
Göteborg  
Sweden

---

**19/05/2010 -** International Symposium on the Pathophysiology of Reactive Oxygen and Nitrogen  
**21/05/2010**  
Species  
Salamanca, Spain,  
Spain

---

**20/05/2010 -** 5th Annual International Symposium on Environment  
**23/05/2010**  
Athens  
Greece

---

**28/04/2010 -** 14. International conference "Regions in conditions of unsustainable development"  
**30/04/2010**  
Kostroma-Sharya  
Russian Federation (the)

---

**12/04/2010 -** International Congress of Young Scientists being held within the frameworks of  
**14/04/2010**  
YSMU - 90th

**15/03/2010 - 20/03/2010** 2nd International Conference on Biological and Environmental Sciences, 15-20 March 2010,  
Mansoura University, Mansoura and Luxor Egypt

---

**04/07/2009 - 09/07/2009** 34th FEBS Congress,  
Prague  
Czech Republic (the)

---

**28/09/2008 - 02/10/2008** International Conference "State-of the-Art Biotechnology in Armenia & ISTC contribution"  
Tsakhkadzor, House of Writers  
Armenia

---

**20/11/2008 - 21/11/2008** "The importance of ecology and nature conservation In the perspective of sustainable development." International scientific conference  
YSU.  
Armenia

---

**06/10/2008 - 10/10/2008** "Actual Problems of Botany in Armenia". International Conference.  
Institute of Botany named after Takhtajan, Yerevan  
Armenia

---

**29/05/2007 - 30/05/2007** International youth scientific conference. "Mountain Territories - Ecological Problems of Cities"  
Institute of Ecological-Noospheric Research. RA NAS  
Armenia

---

**09/10/2006 - 12/10/2006** Problems of sustainable functioning of water and terrestrial ecosystems.  
International scientific conference  
Rostov-on-Don  
Russian Federation (the)

---

**07/10/2005 - 08/10/2005** Modern problems of genetics, radiobiology, radioecology and evolution.  
Joint Institute for Nuclear Research Dubna  
Russian Federation (the)

---

**20/05/2003 - 21/05/2003** IV-th republican youth scientific conference. "XXI century: Ecological science in Armenia", Yerevan, 2003  
Institute of Ecological-Noospheric Research. RA NAS,  
Armenia

---

**15/05/2002 - 16/05/2002** III Republican Youth Scientific Conference. "XXI century: Ecological science in Armenia", Yerevan, 2002  
Institute of Ecological-Noospheric Research. RA NAS

**10/05/2001 -** II Republican Youth Scientific Conference. "XXI century: Ecological science in Armenia", Yerevan, 2001  
**11/05/2001** Institute of Ecological-Noospheric Research. RA NAS Armenia

---

**16/03/1987 -** Fifth Congress of the Armenian Society of Geneticists and Breeders named after A. N.I.Vavilova.  
**17/03/1987** YSU Armenia

---

## **Membership**

**Institution** The member of Armenian Society of Genetics and Selectionists

**Period of time** 1985 till now

---

**Institution** Member-Armenian Association of Biotechnology

**Period of time** 2008 till now

---

**Institution** Member-Armenian Association of Biochemistry

**Period of time** 2007 till now

---

**Institution** The Member-Federation of European Biochemical Societies (FEBS)

**Period of time** 2007 till now

---

## **State awards and honorary titles**

1985 The letter of the Central Committee of Komsomol – 1985, and other commendation

1976 Winner of socialist competition ,

1976 Awards received Drummer communist labor,

---

## **Other information**

Participation in grant 2009-2011: A-1701 MNTS Grant 2009-2011 "Proline-rich polypeptides and hematopoietic regulation". projects 2013-2014: ANSEF-Microbio – 3244 "Immunoproperties of hypothalamic peptide PRP-1 for treatment of bacterial infection and LPS-associated inflammation"

---

## **Publications**

*Article*

**ИССЛЕДОВАНИЕ ВЛИЯНИЯ ГАЛАРМИНА НА ПОКАЗАТЕЛИ ПЕРИФЕРИЧЕСКОЙ КРОВИ МЫШЕЙ ПРИ ИНФЕКЦИИ МЕТИЦИЛЛИН-РЕЗИСТЕНТНЫМ ШТАММОМ STAPHYLOCOCCUS AUREUS (MRSA)**

Մ.Բ. МАТЕВОСЯН, А.Ա. ДУРГАՐՅԱՆ

Հայաստանի կենսաբանական հանդես 2022 35-40

---

Article

**ANTI-INFLAMMATORY EFFECTS OF HYPOTHALAMIC PROLINE RICH POLYPEPTIDE GALARMIN (PRP-1) IN LPS-INDUCED ENDOTOXIC SHOCK**

M.B. MATEVOSYAN, T.P. HARUTYUNYAN, A.A. DURGARYAN

Հայաստանի կենսաբանական հանդես 2014 56-61

---

Article

**Prophylaxis and Treatment of Generalized Infection Induced by Methicillin-Resistant Staphylococcus Aureus (MRSA) in Vivo with Hypothalamic Proline Rich Peptides Galarmin and D-15 Galarmin**

Matevosyan M.B., Durgaryan A.A., Galoyan A.A.

PHY-CHE 2014 5-14

---

Article

**The Protective and Immunomodulatory Effects of Hypothalamic Proline Rich Polypeptide Galarmin against Methicillin-Resistant Staphylococcus aureus Infection in Mice**

M. B. Matevosyan, A. A. Durgaryan, T. Ye. Seferyan,, M. A. Sargsyan, S. L. Grigoryan, K. A .Galoian,

A .A. Galoyan

European Journal of Clinical Microbiology and Infectious Diseases 2012 2153-65

---

Article

**Regulating effect of hypothalamic proline-rich polypeptide galarmin on the levels of metallo-proteins at lipopolysaccharide and methicillin-resistant staphylococcus aureus infection induced oxidative damage**

Matevosyan M.B., Galoyan A.A., Durgaryan A.A., Simonyan R.M., Babayan M.A, Shirinyan V.S,

Seferyan T.Ye, Aleksanyan S.S, Simonyan M.A

New Armenian Medical journal 2012 16-24

---

Article

**ПРОТЕКТОРНЫЙ ЭФФЕКТ БОГАТЫХ ПРОЛИНОМ ПОЛИПЕПТИДОВ - ГАЛАРМИНА И ЕГО АНАЛОГА D-15 ГАЛАРМИНА ПРИ ГЕНЕРАЛИЗОВАННОЙ СТАФИЛОКОККОВОЙ ИНФЕКЦИИ, ВЫЗВАННОЙ МЕТИЦИЛЛИН-РЕЗИСТЕНТНЫМ STAPHYLOCOCCUS AUREUS В УСЛОВИЯХ IN VIVO**

Մ.Բ. МАТЕВОСЯՆ, Ա.Ա. ԴՈՒՐԳԱՐՅԱՆ, Ա.Ա. ԳԱԼՈՅԱՆ, Մ.Ա. ՍԱՐԳԾՅԱՆ, Ը.Լ. ԳՐԻԳՈՐՅԱՆ, Տ.Ե. ՍԵՖԵՐՅԱՆ

Հայաստանի կենսաբանական հանդես 2011 72-77

---

Article

**Протекторная активность богатых пролином полипептидов при генерализованной стафилококковой инфекции, вызванной метициллин-резистентным Staphylococcus Aureus**

Մ. Մ. Մատևոսյան, Ա. Ա. Դուրգարյան, Օ. Ա. Դմիտրենկո, Ա. Ա. Գալօյան

ՀՀ ԳԱԱ գեկուցքներ 2010 384-389

---

Article

**Clastogenic Estimation of Salts of Heavy Metals and Oxides with Application of Test-Systems of Tradescantia (Clone 02)**

Margarita Matevosyan

Environmental Engineering and Sustainability 2010 291-295

---

*Article*

**ИССЛЕДОВАНИЕ ГЕНОТОКСИЧНОСТИ ВОДЫ РЕК РАЗДАН И МАРМАРИК С ПРИМЕНЕНИЕМ ТРАДЕСКАНЦИИ (КЛОН 02).**

М. Б. МАТЕВОСЯН, В. С. ПОГОСЯН, Э. А. АГАДЖАНЯН, А. Л. АТОЯНЦ, Р. М. АРУТЮНЯН

ԵՊՀ Գիտական տեղեկագիր, Բնական գիտություններ 2008 123-126

*Article*

**Генотоксичность воды реки Севджур с применением *Tradescantia clone 02***

Матевосян М., Погосян В., Агаджаняն Э., Атоянц А., Арутюнян Р.

Հայաստանի Կենսաբանական հանդես 2008 38-41

*Article*

**Оценка генотоксичности растворов солей тяжёлых металлов с применением тест-систем традесканции (клон 02).**

Матевосян М., Погосян В., Агаджанян Э., Атоянц А., Арутюнян Р.

ԵՊՀ Գիտական տեղեկագիր, Բնական գիտություններ 2006 103-107

*Article*

**Фотодинамическое действие красителей нового поколения на *Drosophila melanogaster*.**

М.Б. Матевосян, А. А. Аветисян, В. А. Оганесян, Е. Г. Элбакян

Հայաստանի Կենսաբանական հանդես 2005 13-17

*Article*

**Кластогенная оценка загрязнителей вод р. Раздан в пределах г. Еревана.**

Матевосян М.

Հայաստանի Կենսաբանական հանդես 2003 121-123

*Article*

**Цитогенетическая оценка мутагенного фона вод р. Раздан в пределах г. Еревана.**

Матевосян М., Погосян В., Агаджанян Э., Атоянц А., Арутюнян Р.

ԵՊՀ Գիտական տեղեկագիր, Բնական գիտություններ 2003 100-104

*Article*

**Выявление мутагенной активности скважин Самагар и Джрашен с применением тестов Трад-ВТН и Трад-МЯ традесканции.**

Матевосян М. Б., Погосян В. С., Агаджанян Э. А., Атоянц А. Л., Арутюнян Р. М.

ԵՊՀ Գիտական տեղեկագիր, Բնական գիտություններ 2003 123-127

*Article*

**Применение традесканции (клона 02) для мониторинга генотоксичности водных проб р.**

**Раздан в пределах г. Еревана.**

Матевосян М. Б., Погосян В. С., Агаджанян Э. А., Атоянц А. Л., Арутюнян Р. М.

ԵՊՀ Գիտական տեղեկագիր, Բնական գիտություններ 2002 96-99

*Conference*

**Role of hypothalamic proline rich polypeptide galamin in regulation of blood cellular counts following methicillin-resistant *Staphylococcus aureus* infection in mice**

M.B. Matevosyan

*Conference*

**Investigation of the effect of galarmin on the peripheral blood composition of mice with the**

**infection of methicillic-resistant strain of staphylococoos aureus (MRSA)**

M.B. Matevosyan, A.A. Durgaryan

---

*Conference*

**Hypothalamic proline-rich polypeptide PRP-1: new immunomodulator against methicillin-resistant *Staphylococcus aureus* infection**

M. Matevosyan, A. Durgaryan, T. Seferyan, A. Galoyan

---

*Conference*

**Immunoproperties of hypothalamic proline-rich polypeptide galarmin (prp-1) in the protection against methicillin-resistant *staphylococcus aureus* (mrsa) *in vivo***

Matevosyan Margarita, Durgaryan Andranik, Galoyan Armen

---