

# Margarita Beniamin Matevosyan

✉ matevosyanm@ysu.am

## Research Institute of Biology

Laboratory of General and Molecular Genetics

Junior Researcher

## Education

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<b>Institution</b>	YSU
<b>Faculty</b>	Biology
<b>Date</b>	1979 - 1985
<b>Degree name</b>	Qualified specialist

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## Scientific Rank/degree

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

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## Language skills

Русский English

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## Work experience

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

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

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

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<b>Institution</b>	YSU, Department of Genetic and Cytology
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<b>Period of time</b>	1997 - 2007
<b>Rank/degree</b>	Lecturer (part time)

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<b>Institution</b>	Yerevan State University
<b>Period of time</b>	1985 - 2007
<b>Rank/degree</b>	Laboratory assistant

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## **Scientific interests**

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- Genetics, Cytogenetics, Genetic Toxicology, Oncogenetics, Immunology, Microbiology, Neurochemistry, Biochemistry.
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## **Participation in international conferences and seminars**

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<b>09/06/2012 - 12/06/2012</b>	Twenty-second Meeting of the European Neurological Society Czech Republic (the)
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<b>27/01/2013 - 30/01/2013</b>	Basic Immunology Research in Allergy and Clinical Immunology EAACI Immunology Winter School Austria
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<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
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<b>01/12/2022 - 02/12/2022</b>	4th INTERNATIONAL CONGRESS OF GERIATRIC AND GERONTOLOGY Alex and Marie Manukyan Hall of the American University of Armenia. Age is no barrier Armenia
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<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
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<b>29/10/2019 - 31/10/2019</b>	Eurasian Food Security Conference. Armenian National Agrarian University Armenia
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<b>03/07/2019</b>	"Newest methods of treatment of osteoporosis and related diseases" YEREVAN Armenia
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<b>06/11/2017 - 08/11/2017</b>	2nd PAN ARMENIAN SCIENTIFIC FORUM YEREVAN Armenia
<b>26/11/2018 - 30/11/2018</b>	“Science week 2018” YSMU Armenia
<b>06/11/2018</b>	"Reproductively Significant Infections" Workshop Elite Plaza Business Center Armenia
<b>28/09/2018 - 29/09/2018</b>	First Pan-Armenian International Congress of Geriatrics Erebuni Plaza Business Center Armenia
<b>27/10/2018</b>	“First Immunodeficiency Conference , 1st J-Project Ibis Hotel Armenia
<b>26/10/2018</b>	“First International Conference: Bats of Eastern Europe” Ibis Hotel Armenia
<b>30/09/2018</b>	“BRAIN Neurology and Neurosurgery International Conference”, Radisson Blue Hotel Armenia
<b>22/09/2018 - 26/09/2018</b>	19TH Congress of the European Section of the International society of Toxinology (EU-IST Congress), Elite Plaza Business Center Armenia
<b>21/08/2018 - 22/08/2018</b>	Modern views of neonatology. Malignant enterocolitis in infants: new ways of diagnosis, treatment and prevention YSBU Armenia
<b>08/06/2018 - 09/06/2018</b>	Towards Health Second Annual Scientific and Educational Conference Elite Plaza Business Center Armenia
<b>18/07/2016 - 21/07/2016</b>	4th Annual International Conference on Chemistry Athens Institute for Education and Research Greece

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

Italy

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

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

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

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

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

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

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

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

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

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

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**12/04/2010 -  
14/04/2010** International Congress of Young Scientists being held within the frameworks of  
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
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- 04/07/2009 - 09/07/2009** - 34th FEBS Congress, Prague Czech Republic (the)
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- 28/09/2008 - 02/10/2008** - International Conference "State-of the-Art Biotechnology in Armenia & ISTC contribution" Tsakhkadzor, House of Writers Armenia
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- 20/11/2008 - 21/11/2008** - "The importance of ecology and nature conservation In the perspective of sustainable development." International scientific conference YSU. Armenia
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- 06/10/2008 - 10/10/2008** - "Actual Problems of Botany in Armenia". International Conference. Institute of Botany named after Takhtajan, Yerevan Armenia
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- 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)
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- 07/10/2005 - 08/10/2005** - Modern problems of genetics, radiobiology, radioecology and evolution. Joint Institute for Nuclear Research Dubna Russian Federation (the)
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- 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
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- 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

Armenia

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

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

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## Membership

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**Institution**                      The member of Armenian Society of Genetics and Selectionists  
**Period of time**                      1985 till now

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**Institution**                      Member-Armenian Association of Biotechnology  
**Period of time**                      2008 till now

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**Institution**                      Member-Armenian Association of Biochemistry  
**Period of time**                      2007 till now

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**Institution**                      The Member-Federation of European Biochemical Societies (FEBS)  
**Period of time**                      2007 till now

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## State awards and honorary titles

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

1976 Winner of socialist competition ,

1976 Awards received Drummer communist labor,

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## Other information

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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

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*Article*

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

Մ.Բ. ՄԱՏԵՎՈՍՅԱՆ, Ա.Ա. ԴՄՐԳԱՐՅԱՆ

Հայաստանի կենսաբանական հանդես 2022 35-40

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*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

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*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

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*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

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*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

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*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. ՄԱՏԵՎՈՍՅԱՆ, Ա.Ա. ԴՄՐԳԱՐՅԱՆ, Ա.Ա. ԳԱԼՕՅԱՆ, Մ.Ա.ՏԱՐԳՏՅԱՆ, Տ.Լ. ԳՐԻԳՐՅԱՆ, Թ.Ե.ՏԵՓԵՐՅԱՆ

Հայաստանի կենսաբանական հանդես 2011 72-77

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*Article*

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

Մ. Մ. Մատեւոսյան, Ա. Ա. Դւրգարյան, Օ. Ա. Դմիտրենկո, Ա. Ա. Գալոյան

ՀՀ ԳԱԱ զեկոլոցներ 2010 384-389

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*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

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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

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Article

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

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

Հայաստանի կենսաբանական հանդես 2008 38-41

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Article

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

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

ԵՊՀ գիտական տեղեկագիր, Բնական գիտություններ 2006 103-107

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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

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Article

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

Матевосян М.

Հայաստանի կենսաբանական հանդես 2003 121-123

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Article

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

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

ԵՊՀ գիտական տեղեկագիր, Բնական գիտություններ 2003 100-104

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Article

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

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

ԵՊՀ գիտական տեղեկագիր, Բնական գիտություններ 2003 123-127

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Article

**Применение традесканции (клона 02) для мониторинга генотоксичности водных проб р. Раздан в пределах г. Еревана.**

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

ԵՊՀ գիտական տեղեկագիր, Բնական գիտություններ 2002 96-99

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Conference

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

M.B. Matevosyan

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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

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*Conference*

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

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

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*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

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