

Agapi Gevorg Hovhannisyan

Research Institute of Biology

Group on Biochemistry of Drug Effects

Researcher

☎ 11-12

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Education

Institution	Yerevan state university
Faculty	Faculty of Biology, department of biophysics
Date	2004 - 2006
Degree name	Masters

Institution	Yerevan state university
Faculty	Faculty of Biology, department of biophysics
Date	2000 - 2004
Degree name	Bachelor

Institution	Yerevan G. Master's name medical college
Faculty	Department of Obstetrics
Date	1996 - 1999
Degree name	Qualified specialist

Scientific Rank/degree

Institution	Yerevan state university
Date	2015
Degree name	Candidate
Specialty	Biological sciences
Scientific Supervisor	Emil Sosevich Gevorgyan
Research Topic	Changes in the lipid composition of the nuclear structures of liver and thymus cells of rats under in vivo effects of cisplatin

Language skills

Հայերեն Русский English

Work experience

Institution	Yerevan State University, faculty of biology
Period of time	2010 till now

Rank/degree

researcher



Scientific interests

- Molecular Biology
 - Biophysics
 - Biochemistry
 - Biochemistry, Cancer Research, Molecular Biology
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Participation in international conferences and seminars

16/10/2025 - 18/10/2025	International Summit in Immuno-Oncology Armenia
24/09/2025 - 26/09/2025	Biological Sciences and Environmental Solutions for the Achievement of Sustainable Development Goals Armenia
29/06/2024 - 03/07/2024	48th FEBS Congress "Mining biochemistry for human health and well-being" Italy
19/06/2023 - 23/06/2023	27th Wilhelm Bernhard Workshop on the Cell Nucleus Czech Republic (the)
29/06/2022 - 01/07/2022	8th European Workshop on Lipid Mediators (8EWLM) Sweden
01/09/2019 - 06/09/2019	2nd FEBS Advanced Lecture Course on Oncometabolism. From Conceptual Knowledge to Clinical Applications Portugal
11/06/2019 - 15/06/2019	Albany 2019: The 20th Conversation. Journal of Biomolecular Structure and Dynamics United States of America (the)
27/09/2016 - 30/09/2016	6th EUROPEAN WORKSHOP ON LIPID MEDIATORS Germany
18/09/2019 - 21/09/2019	14th Euro Fed Lipid Congress Belgium
12/04/2016 - 22/04/2016	Collection of abstracts of the 20th international school-conference of young scientists "Biology-science of the XXI century" Russian Federation (the)

01/09/2015 - 04/09/2015	A joint Biochemical Society/FEBS Focused Meeting. Signalling 2015: Cellular Functions of Phosphoinositides and Inositol Phosphates. United Kingdom of Great Britain and Northern Ireland (the)
21/09/2013 - 24/09/2013	The 5-th EMBO meeting advancing, the life sciences Netherlands (the)
16/04/2012 - 21/04/2012	Collection of abstracts of the 16th international school-conference of young scientists "Biology-science of the XXI century" Russian Federation (the)
23/08/2011 - 27/08/2011	Eur. Biophys.J. 8th EBSA European Biophysics Congress Hungary
18/04/2011 - 22/04/2011	Collection of abstracts of the 15th international school-conference of young scientists "Biology-science of the XXI century" Russian Federation (the)
20/02/2011 - 26/02/2011	FEBS advanced lecture course. Trends in genetics: genomic instability and pathways of response Armenia
04/09/2010 - 07/09/2010	EMBO conference 2010 Spain
19/04/2010 - 23/04/2010	Collection of abstracts of the 14th international school-conference of young scientists "Biology-science of the XXI century" Russian Federation (the)
17/03/2010 - 19/03/2010	Cellular oncology. The official journal of the international society for cellular oncology Germany
15/10/2009 - 17/10/2009	Biotechnology and health-3 Armenia
28/09/2009 - 02/10/2009	Collection of abstracts of the 13th international school-conference of young scientists "Biology-science of the XXI-st century" Russian Federation (the)
16/06/2009 - 20/06/2009	Albany 2009 conference United States of America (the)
04/07/2009 - 09/07/2009	FEBS conference 2009 Czech Republic (the)

02/03/2009 - International Students Conference On Life Science
04/03/2009 Armenia

10/11/2008 - Collection of abstracts of the 12th international school-conference of young
14/11/2008 scientists "Biology-science of the XXI-st century"
Russian Federation (the)

Publications

Article

Lipid peroxidation level and histological changes in rat liver after the cisplatin and dexamethasone separate and combined action

Zhenya Yavroyan, Nune Hakobyan, Agapi Hovhannisyan, Anna Grigoryan, Anna Karapetyan, Tamara Abgaryan, Emil Gevorgyan

Indian Journal of Biochemistry & Biophysics 2025 480-489

Article

CISPLATIN AND DEXAMETHASONE SEPARATE AND COMBINED ACTION ON LIPID PEROXIDATION IN NUCLEAR FRACTIONS OF RAT BRAIN AND KIDNEY CELLS

Yavroyan Zh.V., Hakobyan N.R., Hovhannisyan A.G., Gevorgyan E.S.

New Armenian Medical journal 2024 55-66

Article

Cisplatin and dexamethasone separate and combined effect on nephrotoxic processes in female rats.

Zhenya Yavroyan, Anna Grigoryan, Nune Hakobyan, Agapi Hovhannisyan, Tamara Abgaryan, Anna Karapetyan, Emil Gevorgyan

Ukrainian Journal of Nephrology and Dialysis 2024 64-74

Article

Effect of cisplatin on lipid peroxidation in the whole blood and plasma of female rats

Yavroyan Zh.V., Hovhannisyan A.G., Hakobyan N.R., Gevorgyan E.S.

EUROPEAN PHARMACEUTICAL JOURNAL 2024 34-41

Article

CISPLATIN AND PROGESTERONE SEPARATE AND JOINT ACTION ON RAT THYMUS NUCLEAR PHOSPHOLIPIDS COMPOSITION AND CONTENT

A.G.Hovhannisyan, N.R.Hakobyan, Zh.V.Yavroyan, E.S.Gevorgyan

ԵՊՀ գիտական տեղեկագիր. Քիմիա և կենսաբանություն: 2023 133-140

Article

Cisplatin and progesterone separate and combined action on rat brain nuclear phospholipids content

N.R. Hakobyan, ZH.V. Yavroyan, A.G.Hovhannisyan, E.S.Gevorgyan

Prostaglandins and Other Lipid Mediators 2023 106750

Article

CHANGES IN MALONDIALDEHYDE LEVELS IN FEMALE RATS BRAIN, KIDNEY AND LIVER CELLS

AFTER THE SEPARATE AND JOINT ACTION OF CISPLATIN AND STEROIDS.

ZH.V. YAVROYAN, A.G. HOVHANNISYAN,, N.R.HAKOBYAN, E.S.GEVORGYAN

Հայաստանի կենսաբանական հանդես 2021 17-25

Article

CISPLATIN AND STEROIDS SEPARATE AND JOINT ACTION ON ANTIOXIDANT ENZYMES ACTIVITY IN BRAIN TISSUE OF FEMALE RATS

ZH.V. YAVROYAN, A.G. HOVHANNISYAN, N.R. HAKOBYAN, E.G. SARGSYAN, E.S. GEVORGYAN

Հայաստանի կենսաբանական հանդես 2021 91-97

Article

ALTERATIONS OF RAT BRAIN CHROMATIN PHOSPHOLIPIDS CONTENT UNDER THE SEPARATE AND JOINT ACTION OF CISPLATIN AND ESTRADIOL

ZH.V. YAVROYAN, N.R. HAKOBYAN, A.G. HOVHANNISYAN, E.G. SARGSYAN, E.S.GEVORGYAN

Հայաստանի կենսաբանական հանդես 2020 16-23

Article

CISPLATIN AND ESTRADIOL SEPARATE AND JOINT ACTION ON PHOSPHOLIPIDS CONTENT OF CHROMATIN PREPARATION FROM RAT KIDNEY CELLS

N.R. HAKOBYAN,, ZH.V. YAVROYAN,, A.G. HOVHANNISYAN, E.G. SARGSYAN, E.S.GEVORGYAN

Հայաստանի կենսաբանական հանդես 2020 18-24

Article

CISPLATIN AND ESTRADIOL SEPARATE AND JOINT IN VIVO ACTION ON RAT LIVER NUCLEAR PHOSPHOLIPIDS CONTENT

ZH.V. YAVROYAN, N.R. HAKOBYAN, A.G. HOVHANNISYAN, G.A. AVAGYAN, E.G. SARGSYAN,

E.S. GEVORGYAN

Biological Journal of Armenia 2019 39-44

Article

CISPLATIN AND ESTRADIOL SEPARATE AND JOINT ACTION ON CATALASE ACTIVITY IN LIVER AND KIDNEY TISSUES OF RATS

Yavroyan Zhenya Vaghinak, Hovhannisyanyan Agapi Gevorg, Hakobyan Nune Romen, Gevorgyan Emil Sos

Евразийский Союз Учёных 2019 12-16

Article

CISPLATIN AND ESTRADIOL JOINT ACTION ON PHOSPHOLIPID COMPOSITION OF NUCLEAR FRACTION FROM FEMALE RAT BRAIN CELLS

E.S. GEVORGYAN, Zh.V. YAVROYAN, N.R. HAKOBYAN, A.G. HOVHANNISYAN, E.G. SARGSYAN

Հայաստանի կենսաբանական հանդես 2019 67-72

Article

IN VIVO ACTION OF CISPLATIN ON LIPID CONTENT IN NUCLEAR MEMBRANES FROM RAT BRAIN CELLS

E.S. GEVORGYAN, ZH.V. YAVROYAN, N.R. HAKOBYAN, A.G. HOVHANNISYAN, E.G. SARGSYAN

Հայաստանի կենսաբանական հանդես 2018 16-21

<http://www.flib.sci.am/eng/Biology/>

Article

ALTERATIONS OF LIPID CONTENT IN RAT KIDNEY NUCLEAR MEMBRANE PREPARATIONS AFTER

THE IN VIVO ACTION OF CISPLATIN

Gevorgyan E.S., Yavroyan Zh.V., Hakobyan N.R., Hovhannisyan A.G.

Electronic Journal of Natural Sciences of NAS RA 2018 8-11

Article

CISPLATIN IN VIVO ACTION ON LIPID CONTENT IN NUCLEAR MATRIX FROM RAT BRAIN CELLS

E.S. GEVORGYAN, ZH.V. YAVROYAN, N.R. HAKOBYAN, A.G. HOVHANNISYAN, E.G. SARGSYAN

Հայաստանի կենսաբանական հանդես 2018 33-37

Article

CISPLATIN IN VIVO INFLUENCE ON LIPID CONTENT OF CHROMATIN ON RAT BRAIN CELLS

E.S.GEVORGYAN, Zh.V.YAVROYAN, N.R.HAKOBYAN, A.G.HOVHANNISYAN

Proceedings of the YSU B: Chemical and Biological Sciences 2017 21-26

<http://www.y-su.am/science/hy/journals>

Article

CISPLATIN IN VIVO ACTION ON LIPID CONTENT IN NUCLEAR MATRIX FROM RAT KIDNEY CELLS

E.S. GEVORGYAN, ZH.V. YAVROYAN, N.R. HAKOBYAN, A.G.HOVHANNISYAN, E.G. SARGSYAN

Biological Journal of Armenia 2017 6-11

<http://www.sci.am>

Article

CHANGES IN SPHINGOMYELIN AND PHOSPHATIDYLCHOLINE CONTENT IN RAT LIVER NUCLEAR STRUCTURES DURING THE IN VIVO ACTION OF CISPLATIN

E.S. GEVORGYAN, ZH.V. YAVROYAN, N.R. HAKOBYAN, A.G. HOVHANNISYAN, E.G. SARGSYAN

Հայաստանի կենսաբանական հանդես 2016 16-19

<http://www.flib.sci.am/eng/Biology/>

Article

Cisplatin in vivo action on lipid content in chromatin from rat kidney cells

GEVORGYAN E. S., YAVROYAN Zh. V., HOVHANNISYAN A. G., HAKOBYAN N. R., SARGSYAN E. G.

Հայաստանի կենսաբանական հանդես 2016 12-18

<http://www.flib.sci.am/eng/Biology/>

Article

CHANGES IN POLYPHOSPHOINOSITIDES CONTENT IN NUCLEAR MEMBRANES OF RAT LIVER AND THYMUS CELLS UNDER THE ACTION OF CISPLATIN

E. S. GEVORGYAN, ZH. V. YAVROYAN, N. R. HAKOBYAN, A. G. HOVHANNISYAN

Հայաստանի կենսաբանական հանդես 2014 pp.46-51

Article

Сдвиги в содержании фосфолипидов ядер клеток тимуса крыс после воздействия цисплатина

А.Г. Оганесян

Հայաստանի կենսաբանական հանդես 2013 42

<http://www.flib.sci.am/eng/Biology/>

Article

In vivo action of cisplatin on content of neutral lipids in rat liver and thymus nuclear matrix.

E.S. GEVORGYAN, A.G. HOVHANISYAN, ZH. V. YAVROYAN, N.R. HAKOBYAN,, G.B. GHUKASYAN

Article

Cisplatin in vivo action on content of neutral lipids in rat liver and thymus nuclear membranes.

E.S. GEVORGYAN, A.G. HOVHANISYAN, Zh.V. YAVROYAN, N.R. HAKOBYAN, E.G. SARGSYAN

Հայաստանի կենսաբանական հանդես 2013 pp.99-103

Article

Content of neutral lipids in rat liver and thymus chromatin under the in vivo action of cisplatin.

Gevorgyan E.S., Yavroyan Zh.V., Hovhanisyan A.G., Hakobyan N.R.

Հայաստանի կենսաբանական հանդես 2012 pp.97-101

Article

CISPLATIN ACTION ON PHOSPHOLIPID COMPOSITION IN NUCLEAR FRACTION OF RAT LIVER CELLS

E.S. GEVORGYAN, Zh.V.YAVROYAN, N.R.HAKOBYAN, A.G. HOVHANNISYAN

Հայաստանի կենսաբանական հանդես 2009 pp.20-24

Conference

Cisplatin action on polyphosphoinositides content in rat liver and thymus nuclear membranes.

N. Hakobyan, A. Hovhannisyanyan, Zh. Yavroyan, E. Gevorgyan

Conference

ЧУВСТВИТЕЛЬНОСТЬ ОТДЕЛЬНЫХ ФРАКЦИЙ ФОСФОЛИПИДОВ ХРОМАТИНА К ЛЕТОК МОЗГА КРЫС К IN VIVO ВОЗДЕЙСТВИЮ ЦИСПЛАТИНА

Акопян Н.Р., Явроян Ж.В., Оганесян А.Г., Саркисян Э.Г., Геворкян Э.С.

Conference

Effect of Cisplatin on Rat Liver Nuclear Membrane Phospholipids as Integral Participants in Signal Transduction

Hakobyan N., Hovhannisyanyan A. M., Yavroyan Zh., Gevorgyan E.

Conference

ALTERATION IN CONTENT OF RAT BRAIN CHROMATIN NEUTRAL LIPIDS UNDER THE ACTION OF CISPLATIN

HAKOBYAN N.R., HOVHANNISYAN A.G., YAVROYAN Zh. V., GEVORGYAN E.S.

Conference

Cisplatin and Estradiol Joint Action on Quantities of Rat Brain Chromatin Phospholipids

Nune Hakobyan, Zhenya Yavroyan, Agapi G. Hovhannisyanyan, Emil S. Gevorgyan

Conference

Antioxidant Enzyme Catalase Activity of Rat Kidney Cells Nuclear Fraction After the Cisplatin and Estradiol Separate and Joint Action.

Zhenya V.Yavroyan, Nune R. Hakobyan, Agapi G. Hovhannisyanyan, Emil S. Gevorgyan

Conference

Cisplatin and estradiol separate and joint action on female

Hakobyan NR, Yavroyan ZhV, Hovhannisyan AG, Gevorgyan ES

Conference

ESTRADIOL AND CISPLATIN JOINT ACTION ON FEMALE RAT BRAIN NUCLEAR PHOSPHOLIPIDS CONTENT

HAKOBYAN N.R., Yavroyan Zh.V., Hovhannisyan A.G., Gevorgyan E.S.

Conference

The sensitivity of cholin inclusive phospholipids of rat brain cells nuclear to progesterone in vivo action.

Hakobyan N., Hovhannisyan A., Yavroyan Z., Gevorgyan E.

Conference

Alterations of rat brain nuclear phospholipids content under the combined action of cisplatin and progesterone

N. Hakobyan, Z. Yavroyan, A. Hovhannisyan, E. Gevorgyan

Conference

Alteration in Sphingomyelin: Phosphatidylcholin Ratio in Rat Liver Cells Nuclear Preparations After the Cisplatin and Estradiol Separate and Combined Exposure

Nune Hakobyan, Zhenya Yavroyan, Agapi Hovhannisyan, Anush Asatryan, Emil Gevorgyan

Conference

LIPID PEROXIDATION IN NUCLEAR FRACTION OF RAT THYMUS CELLS AFTER THE SEPARATE AND COMBINED TREATMENT WITH CISPLATIN AND DEXAMETHASONE

Hovhannisyan A.G, Gevorgyan E.S, Yavroyan Zh.V, Asatryan A.L, Hakobyan N.R.
