Nune Romen Hakobyan

Research Institute of Biology
Group on Biochemistry of Drug Effects
Scientific Worker

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Education

Institution	Yerevan State University
Faculty	Biology/Biophysics
Date	1991 - 1994
Degree name	PhD student

Institution	Yerevan State University
Faculty	Biology/Biophysics
Date	1987 - 1991
Degree name	Qualified specialist

Scientific Rank/degree

Institution	Yerevan State University
Date	1998
Degree name	Candidate
Scientific Supervisor	Gevorgyan Emil
Research Topic	“Estradiol Action on Composition of Brain Subcellular Structures Posphoinositides.”

Language skills

Русский English

Work experience

Institution	Yerevan State University
Period of time	1994 till now
Rank/degree	Researcher

Participation in international conferences and seminars

23/06/2023	27th Wilhelm Bernhard Workshop on the Cell Nucleus Czech Republic (the)
03/11/2003 - 05/11/2003	194th Meeting of the Society for Endocrinology, United Kingdom of Great Britain and Northern Ireland (the)
20/09/2003 - 24/09/2003	ELSO 2003 Conference. Germany
20/06/2003 - 25/06/2003	FEBS Advanced Course on “Lipid Signalling and Membrane Traffic”, Italy
21/06/2005 - 24/06/2005	FEBS WORKSHOP-DIJON 2005, on “Resent Advances in Lipid Metabolism and Related Disorders”, France
18/10/2005 - 21/10/2005	International Alumni seminar on “Biotechnology and Health”, Armenia
21/09/2006 - 24/09/2006	FEBS/EMBO Workshop, 15th Protein Kinase Meeting “Spatial and Temporal Regulation of Signalling”. Norway
24/10/2006 - 26/10/2006	FEBS Meeting on “New concepts in Lipidology: from lipidomics to disease”. Netherlands (the)
10/04/2007 - 20/04/2007	NATO ASI on “Evoluton from Cellular to Social Scales” . Norway
30/08/2008 - 02/09/2008	“Frontiers of Cellular, Developmental and Molecular Biology” . France
04/07/2009 - 09/07/2009	34th FEBS Congress “Life`s Molecular Interactions”. Czech Republic (the)
16/06/2009 - 20/06/2009	Albany 2009, Conversation 16. United States of America (the)
23/03/2009 - 02/04/2009	ASI on “Order, Robustness and Instabilities in Complex Systems” . Norway
17/03/2010 - 19/03/2010	ISCO 2010 Congress “Cellular Oncology- New Insights Leadings to Clinical Advancement”. Germany

04/09/2010 - 07/09/2010	EMBO meeting 2010.. Spain
30/08/2014 - 04/09/2014	FEBS Congress 2014. France
01/09/2015 - 04/09/2015	A joint Biochemical Society/FEBS Focused Meeting. United Kingdom of Great Britain and Northern Ireland (the)
27/09/2016 - 30/09/2016	6th European Workshop on Lipid Mediators. Germany
18/06/2017 - 24/06/2017	ONCOMETABOLISM. From Conceptual Knowledge to Clinical Applications. Portugal
04/10/2017 - 08/10/2017	EMBO Conference on “Nuclear Structure and Dynamics”. France
12/09/2018 - 14/09/2018	7th European Workshop on Lipid Mediators. Belgium
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. United States of America (the)
29/06/2022 - 01/07/2022	8.th European Workshop on Lipid Mediators. Karolinska Institute Sweden

Membership

Institution	European Association for Cancer Research (EACR)
Period of time	2025 till now

Institution	,,Armenian Association of Biochemists,,
Period of time	2003 till now

Other information

Education:
1987 - 1991- Qualification: biophysics, teacher, Diploma of Excellence.

Publications

Article

Oxidative stress level and histopathological changes in the rat brain following separate and combined administration of cisplatin and dexamethasone

Zh.V. Yavroyan, R.A. Shushanyan, A.L. Asatryan, N.R. Hakobyan, A.G. Hovhannisyan, A.V. Grigoryan, T.A. Abgaryan, E.S. Gevorgyan, A.F. Karapetyan

Brain Research 2026 1-8

https://www.sciencedirect.com/science/article/pii/S0006899326001988?via%3Dihub

Conference

ANTIOXIDANT ENZYME CATALASE ACTIVITY OF RAT BRAIN CELLS NUCLEAR FRACTION AFTER THE CISPLATIN AND PROGESTERONE SEPARATE AND COMBINED ACTION

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

2026 172-173

https://www.neurosteroids.unito.it/scientific-program

Conference

Effects of extracts of rumex species and the compound emodin on oxidative stress level and antioxidant potential in liver tissue of streptozotocin-induced diabetic rats

A. Hovhannisyan, Z. Yavroyan, N. Hakobyan, A. Asatryan, N. Avtandilyan

FEBS Open Bio 2026 S311

https://febscongress.org/

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

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

2025 115-115

https://www.ysu.am/en/conference/869

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.

2025 22-22

https://visityerevan.am/events/details/1285/en/

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.

THE 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

Conference

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

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

2024 268 - 269

https://2024.febscongress.org/

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 & Other Lipid Mediators 2023 106750

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.

2023 79 - 79

https://wbw27.wbworkshops.com/

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.

2022 79

https://workshop-lipid.eu

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

Biological Journal of Armenia 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

Biological Journal of Armenia 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

Biological Journal of Armenia 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

Biological Journal of Armenia 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, Hovhannisyan 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

Biological Journal of Armenia 2019 67-72

Conference

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

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

2019 1

https://www.jbsdonline.com/c4330/albany-2019-20th-conversation-abstracts-c4332…

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. Hovhannisyan, Emil S. Gevorgyan

2019 1

https://www.jbsdonline.com/c4330/albany-2019-20th-conversation-abstracts-c4332…

Conference

Cisplatin and estradiol separate and joint action on female
Hakobyan NR, Yavroyan ZhV, Hovhannisyan AG, Gevorgyan ES

2019 68-69

https://oncometabolism2019.febsevents.org

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

Biological Journal of Armenia 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

Biological Journal of Armenia 2018 33-37

Conference

THE SENSITIVITY OF CHOLINE INCLUSIVE LIPIDS OF RAT BRAIN AND KIDNEY CHROMATIN TO CISPLATIN IN VIVO ACTION.
HAKOBYAN N.R., Yavroyan Zh. V., Gevorgyan E.S.

2018 84

https://workshop-lipid.eu

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.ysu.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

Conference

Alterations In Sphingomyelin:Phosphatidylcholine Ratio In Chromatin Preparations From Rat Liver And Thymus Cells After The Cisplatin In Vivo Action
Nune Hakobyan, Zhenya Yavroyan, Emil Gevorgyan

2017 37

http://icsb.vdu.lt/

Conference

Alterations in sphingomyelin:phosphatidylcholine ratio in chromatin preparations from rat liver and thymus cells after the cisplatin in vivo action
Hakobyan N., Yavroyan Zh., Gevorgyan E.

2017 87

http://www.febsoncometabolism2017.eu/

Conference

CHANGES IN POLYPHOSPHOINOSITIDES CONTENT IN NUCLEAR FRACTION OF RAT LIVER AND THYMUS CELLS AFTER THE ACTION OF CISPLATIN
Nune Hakobyan, Zhenya Yavroyan, Emil Gevorgyan

2017 P-052

http://meetings.embo.org/event/17-nucleu

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

Biological Journal of Armenia 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.

Biological Journal of Armenia 2016 12-18

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

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.

2016 102-103

Conference

Effect of Cisplatin on Rat Liver Nuclear Membrane Phospholipids as Integral Participants in Signal Transduction
Hakobyan N., Hovhannisyan A. M., Yavroyan Zh., Gevorgyan E.

2016 ANLI-002

https://gdch.enterprise-ems.de/tms/frontend/index.cfm?l=6154&id=0&dat_h=&sp_id=...

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.

2016 103

http://workshop-lipid.eu/index.php?cat=EducS

Patent

Device for non-invasive determination of glucose concentration in human organizm
Margaryan H., Hakobyan N., Hovhannisyan D., Aroutiounian V., Tabirian N., Rohatgi U., Abrahamyan V.,

Sargsyan T., Movsisyan A., Gasparyan P.

2015

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

Biological Journal of Armenia 2014 pp.46-51

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

Biological Journal of Armenia 2013 pp.99-103

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

Biological Journal of Armenia 2013 pp.85-88

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.

Biological Journal of Armenia 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

Biological Journal of Armenia 2009 pp.20-24
