

Nune Romen Hakobyan

Research Institute of Biology

Group on Biochemistry of Drug Effects

Researcher

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Education

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

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

Scientific Rank/degree

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

Language skills

Русский English

Work experience

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

Scientific interests

- Molecular Biology
- Biophysics

- Biochemistry
- Genetics

Participation in international conferences and seminars

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|------------------------------------|---|
| 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 "Recent 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 "Evolution 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 |

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| 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

| | |
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| 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

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., Hovhannisyanyan 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

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

Հայաստանի կենսաբանական հանդես 2013 pp.85-88

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

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., Hovhannisyana 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

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

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.

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

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.

Conference

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

Nune Hakobyan, Zhenya Yavroyan, Agapi G. Hovhannisyana, 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. Hovhannisyan, 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.

Patent

Device for non-invasive determination of glucose concentration in human organism

Margaryan H., Hakobyan N., Hovhannisyan D., Aroutiounian V., Tabirian N., Rohatgi U., Abrahamyan V., Sargsyan T., Movsisyan A., Gasparyan P.

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.
