Anush Levon Asatryan

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Research Institute of Biology
Group on Biochemistry of Drug Effects
Group Leader

Faculty of Biology
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Group Leader

Education

Institution	Yerevan State University
Faculty	Faculty of Biology
Date	2012 - 2016
Degree name	PhD student

Institution	Yerevan State University
Faculty	Faculty of Biology
Date	2010 - 2012
Degree name	Masters

Scientific Rank/degree

Institution	Yerevan State University
Date	2016
Degree name	Candidate
Research Topic	The impact of cisplatin on poly(ADP-ribose)polymerase 1 activity regulation in liver cell and thymocyte nuclei of rats of different age and sex

Language skills

Հայերեն Русский English

Work experience

Institution	Yerevan State University
Period of time	2018 till now
Rank/degree	Researcher

Participation in international conferences and seminars

08/07/2023 - 12/07/2023
Together in bioscience for a better future
The Palais des Congrès de Tours
France

Membership

Institution	FEBS
Period of time	2019 - 2020

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/

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

Bleomycin–induced modulations of PARP 1 activity, NAD+ and PARG content in rat lung nuclei
I.G. Artsruni, A.L. Asatryan, K.S. Matinyan

Regulatory Mechanisms in Biosystems 2024 102-106

Article

Bleomycin and Olaparib Induced Modulation of Poly (ADP-Ribose) Polymerase 1 Activity and Chromatin Structure in Thymocyte Nuclei
Anush L. Asatryan, Karine S. Matinyan, Lusine G. Aslanyan, Yeva B. Dalyan, Irina G. Artsruni

Asian Journal of Pharmaceutics 2023 502-508

Conference

Bleomycin induced inhibition of poly(ADP-ribose) polymerase (PARP) in rat thymocyte nuclei
A. Asatryan, I. Artsruni, K. Matinyan

2023 77 - 77

https://2023.febscongress.org

Article

Age-dependence of Poly(Adenosine Diphosphate-Ribos)yl Polymerase 1 Inhibition in Liver and Thymocyte Nuclei after the Treatment of Rats with Cisplatin
Anush L Asatryan, Irina G Artsruni, Karine S Matinyan, Emil S Gevorgyan

Asian Journal of Pharmaceutics 2022 30-36

Conference

Effect of co-treatment of rats with cisplatin and tannic acid on substances involved in poly (ADP-ribose) polymer turnover in rat liver nuclei
A. Asatryan, I. Artsruni, K. Matinyan, E. Gevorgyan

2021 137-138

https://2021.febscongress.org

Article

Effects of Tannic Acid on Cisplatin-Induced Changes in Poly(ADP-Ribose) Polymer Turnover in Rat Liver and Thymocyte Nuclei
Anush L. Asatryan, Irina G. Artsruni, Karine S. Matinyan, Emil S. Gevorgyan

Asian Journal of Pharmaceutics 2020 378-383

Article

ՑԻՍՊԼԱՏԻՆ ՀԱԿԱՈՒՌՈՒՑՔԱՅԻՆ ԴԵՂԱՄԻՋՈՑԻ ԲՋՋԱԹՈՒՆԱՅԻՆ ԱԶԴԵՑՈՒԹՅԱՆ ՄԵԽԱՆԻԶՄՆԵՐԸ
Ա.Լ. Ասատրյան
Բնագետ 2020 49-57

Article

ИЗМЕНЕНИЕ ЭФФЕКТИВНОСТИ ИНГИБИТОРОВ ПОЛИ(АДФ-РИБОЗО)ПОЛИМЕРАЗЫ 1 В ЯДРАХ КЛЕТОК ПЕЧЕНИ КРЫС ПОСЛЕ IN VIVO ДЕЙСТВИЯ ЦИСПЛАТИНА
Асатрян Ануш Левоновна, Арцруни Ирина Гегамовна, Матинян Карине Степановна,

Геворкян Эмиль Сосевич
Евразийский Союз Учёных 2019 7-10

Article

Treatment of Rats With Tannic Acid Modulates Poly(ADP-Ribose) Polymerase 1 Activity in Liver and Thymocyte Nuclei

Anush Asatryan, Irina Artsruni, Karine Matinyan, Emil Gevorgyan

International Journal of Pharmaceutical Sciences Review and Research 2019 89-95

Article

Transient decondensation of chromatin in liver nuclei of rats treated with tannic acid

Anush L. Asatryan, Karine S. Matinyan, Irina G. Artsruni, Emil S. Gevorgyan, Ara P. Antonyan,

Poghos O. Vardevanyan

Journal of Biomolecular Structure and Dynamics 2019 1-7

Article

Tannic Acid-induced Modulation of Poly(ADP-Ribose) Glycohydrolase and NAD+ Content in Rat Liver and Thymocyte Nuclei

Anush L. Asatryan, Irina G. Artsruni, Karine S. Matinyan, Anna F. Karapetyan, Emil S. Gevorgyan

Asian Journal of Pharmaceutics 2019 368-374

Article

Ապոպտոզ

Ա.Լ. Ասատրյան

Բնագետ 2019 44-56

Conference

Effect of Insulin on DNA-Internucleosomal Fragmentation and Poly(ADP-ribose)polymerase 1 Activity in Rat Liver Nuclei

Anush Asatryan, Karine Matinyan, Irina Artsruni, Emil Gevorgyan

2019 19011

https://www.jbsdonline.com/albany-2019-20th-conversation-c4330.html

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Conference

The Effect of Tannic Acid on PARP 1 Activity and Chromatin Condensation in Rat Thymocyte and Liver Nuclei

Irina G. Artsruni, Anush L. Asatryan, Karine S. Matinyan, Emil S. Gevorgyan

2019 18995

https://www.jbsdonline.com/albany-2019-20th-conversation-c4330.html

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Conference

Sex-Dependent Differences in Poly(ADP-Ribose)Polymerase 1 Activity of Rat Liver and Thymocyte Nuclei

Karine S. Matinyan, Anush L. Asatryan, Arshak A. Karapetyan, Emil S. Gevorgyan

2019 19010

https://www.jbsdonline.com/albany-2019-20th-conversation-c4330.html

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Conference

The Influence of Hydrocortizone and Cisplatin Co-Administration to Rats on Chromatin Olygonucleosomal Fragmentation in Liver Nuclei

Anush Asatryan, Irina Artsruni, Karine Matinyan, Emil Gevorgyan

2019 18988

https://www.jbsdonline.com/albany-2019-20th-conversation-c4330.html

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Conference

Modulation of poly(ADPribose) polymerase 1 activity and chromatin condensation in thymocyte and liver nuclei after treatment of rats with tannic acid

A.Asatryan, I. Artsruni, K. Matinyan, E. Gevorgyan

2019 P37-003

https://2019.febscongress.org/

Conference

Effect of tannic acid on poly(ADP-ribose)glycohydrolase and NAD+ content in liver cell and thymocytes nuclei of rats

Anush Asatryan, Irina Artsruni, Karine Matinyan, Emil Gevorgyan

2019 12-15

Article

Treatment of Rats with Hydrocortisone and Cisplatin Modulates Poly(ADP-Ribos)yl Polymerase 1 Activity In Liver and Thymocyte Nuclei

Irina Artsruni, Anush Asatryan, Karine Matinyan, Emil Gevorgyan

International Journal of Pharmaceutical Sciences Review and Research 2018 7-10

Article

POLY(ADP-RIBOSE)POLYMERASE 1 STIMULATION IN LIVER AND THYMOCYTE NUCLEI OF RATS TREATED WITH BENZAMIDE

Asatryan Anush, Artrsruni Irina, Matinyan Karine, Gevorgyan Emil

International Journal of Pharmaceutical Sciences Review and Research 2018 15-19

Article

Cisplatin Modulates poly(adp-ribosyl) Polymerase 1 Inhibition and DNA Internucleosomal Fragmentation in Rat Liver Nuclei

Irina Artsruni, Anush Asatryan, Karine Matinyan, Emil Gevorgyan

International Journal of Pharmaceutical Sciences Review and Research 2016 25-30

http://www.globalresearchonline.net

Conference

Возрастные особенности действия цисплатина на активность поли(АДФ-рибозо)полимеразы 1 в ядрах клеток печени крыс

Асатрян А.Л., Арцруни И.Г., Матинян К.С., Геворкян Э.С.

2016 169

http://www.biology21.ru/ru

Article

Age- And Sex-Dependent Modification Of The Activity And Inhibition Of Poly(ADP-Ribose)Polymerase 1 By Cisplatin In The Rat Thymocytes

Irina Artsruni, Anush Asatryan, Karine Matinyan, Emil Gevorgyan

International Journal of Chemical and Biomedical Science 2015 103-108

http://www.aascit.org/journal/ijcbs

Conference

Действие цисплатина на интенсивность интернуклеосомальной фрагментации ДНК в ядрах клеток печени крыс

Asatryan A.L., Artsruni I.G., Matinyan K.S., Gevorgyan E.S.

2015 9-14

http://mio-cognitio.com/#&panel1-1

Conference

Действие цисплатина на активность поли(АДФ-рибозо)полимеразы 1 в ядрах клеток печени крыс

Асатрян А.Л.

2015 8-12

http://euroasia-science.ru/en/about/
