

# Anush Levon Asatryan

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## Research Institute of Biology

Group on Biochemistry of Drug Effects

Group Leader

## Education

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<b>Institution</b>	Yerevan State University
<b>Faculty</b>	Faculty of Biology
<b>Date</b>	2012 - 2016
<b>Degree name</b>	PhD student

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<b>Institution</b>	Yerevan State University
<b>Faculty</b>	Faculty of Biology
<b>Date</b>	2010 - 2012
<b>Degree name</b>	Masters

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## Scientific Rank/degree

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<b>Institution</b>	Yerevan State University
<b>Date</b>	2016
<b>Degree name</b>	Candidate
<b>Specialty</b>	Biological sciences
<b>Research Topic</b>	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

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## Language skills

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Հայերեն Русский English

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## Work experience

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

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## Scientific interests

- biochemistry
- Biophysics

- Molecular Biology

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## Participation in international conferences and seminars

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

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## Membership

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<b>Institution</b>	FEBS
<b>Period of time</b>	2019 - 2020

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## Publications

*Article*

**Bleomycin-induced modulations of PARP 1 activity, NAD<sup>+</sup> and PARG content in rat lung nuclei**  
I.G. Artsruni, A.L. Asatryan, K.S. Matinyan  
Regulatory Mechanisms in Biosystems 2024 102-106

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*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

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*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

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*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

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*Article*

**ՑԻՍՊԼԱՏԻՆ ՀԱՎԱՈՒՌՈՒՄՔՉԱՅԻՆ ԴԵՂԱՍԻՉՈՑԻ ԲԶՋԱԹՈՒՆԱՅԻՆ ԱՉԴԵՑՈՒԹՅԱՆ ՄԵԽԱՆԻԶՄՆԵՐԸ**  
Ա.Լ. Ասատրյան  
Բնագետ 2020 49-57

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*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

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*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

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*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

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*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

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*Article*

**Աստղածաղիկ**

Ա.Լ. Ասատրյան

Բնագիտություն 2019 44-56

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*Article*

**Treatment of Rats with Hydrocortisone and Cisplatin Modulates Poly(ADP-Ribosyl) 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

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*Article*

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

Asatryan Anush, Artsruni Irina, Matinyan Karine, Gevorgyan Emil

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

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*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>

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*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

*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.

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*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.

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*Conference*

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

Асатрян А.Л.

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*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

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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

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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

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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

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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

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*Conference*

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

Anush Asatryan, Irina Artsruni, Karine Matinyan, Emil Gevorgyan

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*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

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*Conference*

**Bleomycin induced inhibition of poly(ADP-ribose) polymerase (PARP) in rat thymocyte nuclei**

A. Asatryan, I. Artsruni, K. Matinyan

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*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

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*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.

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