

# Karine Stepan Matinyan

✉ karine.matinyan@ysu.am

## Research Institute of Biology

Interfaculty Laboratory of Structural Biophysics

Senior researcher

## Education

Institution	YSU
Faculty	Faculty of Biology
Date	1968 - 1973
Degree name	Qualified specialist

## Scientific Rank/degree

Institution	Institute of Biophysics, Academy of Sciences, USSR
Date	1978
Degree name	Candidate
Specialty	Biological sciences

## Language skills

Հայերեն Русский English

## Work experience

Institution	Yerevan State University
Period of time	2010 till now
Rank/degree	senior researcher

## Scientific interests

- biochemistry
- molecular biology

## 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

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

**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<sup>+</sup> 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

**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

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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

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*Article*

**Cisplatin Modulates poly(ADP-ribose) 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

International Journal of Chemical and Biomedical Science 2015 103-108

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

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*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*

**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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