

Anna Vladimir Grigoryan

Faculty of Biology

Chair of Human and Animal Morphology and Physiology
Assistant

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Education

Institution	Yerevan State University
Faculty	Yerevan State University
Date	1999 - 2001
Degree name	Masters

Institution	Yerevan State University
Faculty	Faculty of Biology
Date	1995 - 1999
Degree name	Bachelor

Scientific Rank/degree

Institution	NASRA Scientific center of zoology and hydro ecology
Date	2018
Degree name	Candidate
Specialty	Biological sciences
Scientific Supervisor	Jivanyan Karine A.
Research Topic	The study of the influence of the Hrazdan river pollution on morphofunctional features of some organs of the lake frog

Language skills

Русский English Français

Publications

Article

Registration of Fish Sanguinicolosis in the Republic of Armenia

Anush Hakobyan, Karine Sukiasyan, Anna Karapetyan, Anna Grigoryan, Tamara Abgaryan,

Erik Nikoghosyan

Iranian Journal of Veterinary Medicine 2026 153-166

Article

Tissue remodeling during high-altitude pulmonary edema in rats: Biochemical and histomorphological analysis

Ruzanna A. Shushanyan, Hasmik M. Karapetyan, Edita E. Nadiryan, Nikolay V. Avtandilyan,
Anna V. Grigoryan, Anna F. Karapetyan
Tissue and Cell 2025 102727

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

Histomorphological assessment of T-2 toxin, ochratoxin A, and aflatoxin B1-induced renal damage in a rat model

Anna Grigoryan, Tamara Abgaryan, Ruzanna Shushanyan, Ruzanna Adamyan, Marieta Mkhitarian,
Lyudmila Niazyan, Anna Karapetyan

Ukrainian Journal of Nephrology and Dialysis 2025 14-23

Article

Morphological abnormalities of peripheral blood cells among patients with COVID-19 disease

Anna Karapetyan, Lyudmila Niazyan, Ruzanna Shushanyan, Tamara Abgaryan, Sevan Iritsyan,
Tehmine Galechyan, Sargsyan Knarik, Anna Grigoryan

Heliyon 2024 e24527

Article

Hypericum alpestre extract exhibits in vitro and in vivo anticancer properties by regulating the cellular antioxidant system and metabolic pathway of L-arginine

Mikayel Ginovyan, Hayarpi Javrushyan, Hasmik Karapetyan, Izabela Koss-Mikołajczyk,

Barbara Kusznierevicz, Anna Grigoryan, Alina Maloyan, Agnieszka Bartoszek, Nikolay Avtandilyan

Cell Biochemistry and Function 2024 1-21

Article

The role of oxidative stress and neuroinflammatory mediators in the pathogenesis of high-altitude cerebral edema in rats

Ruzanna A. Shushanyan, Nikolay V. Avtandilyan, Anna V. Grigoryan, Anna F. Karapetyan

Respiratory Physiology and Neurobiology 2024 104286

Manual

Հյուսվածքաբանական եզրույթների հայերեն-անգլերեն-ռուսերեն-լատիներեն բառարան

Ա. Կարապետյան, Ռ. Մխիթարյան, Ս. Միրզոյան, Ա. Գրիգորյան, Դ. Մխիթարյան

2024 232

Monograph

Հյուսվածքաբանական եզրույթների հայերեն-անգլերեն-ռուսերեն-լատիներեն բառարան

Ա. Ֆ. Կարապետյան, Ռ. Ս. Մխիթարյան, Ա. Վ. Գրիգորյան, Ս. Գ. Միրզոյան, Դ. Հ. Մխիթարյան

2024 232

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

Histological and cytochemical analysis of the brain under conditions of hypobaric hypoxia-induced oxygen deficiency in albino rats

Ruzanna Shushanyan, Anna Grigoryan, Tamara Abgaryan, Anna Karapetyan

Acta Histochemica 2023 152114

Article

Antihyperglycemic activity of L-norvaline and L-arginine in high-fat diet and streptozotocin-treated male rats

Hayarpi Javrushyan, Edita Nadiryan, Anna Grigoryan, Nikolay Avtandilyan, Alina Maloyan

Experimental and Molecular Pathology 2022 104763

Article

HYPOBARIC HYPOXIA CAUSES HISTOMORPHOLOGICAL ALTERATIONS IN THE DIFFERENT PARTS OF THE RAT'S BRAIN

R. A. SHUSHANYAN, A. V. GRIGORYAN, A. F. KARAPETYAN

Proceedings of the YSU B: Chemical and Biological Sciences 2022 266-274

Article

MORPHOFUNCTIONAL CHANGES IN RAT LUNGS UNDER THE INFLUENCE OF AFLATOXIN B1

A. F. KARAPETYAN, A. V. GRIGORYAN, G. A. AVAGYAN

ԵՊՀ Գիտական տեղեկագիր, Բնական գիտություններ 2021 85-90

Article

Արյուն. պլազմա, էրիթրոցիտներ

Կարապետյան Ա.Ֆ., Գրիգորյան Ա.Վ.

Բնագետ 2020 3-8

Article

Արյուն. թրոմբոցիտներ

Կարապետյան Ա.Ֆ., Գրիգորյան Ա.Վ.

Բնագետ 2020 20-24

Article

ԱՐՅՈՒՆ. ԼԵՅԿՈՑԻՏՆԵՐ ԿԱՄ ԱՐՅԱՆ ՍՊԻՏԱԿ ԲԶԻԶՆԵՐ

Կարապետյան Ա.Ֆ., Գրիգորյան Ա.Վ.

Բնագետ 2020 3-18

Article

Ինքնախմուկիտետ

Ա.Ֆ. Կարապետյան, Ա.Վ. Գրիգորյան

Բնագետ 2019 39-48

Article

The potential therapeutic effect of NG-hydroxy-nor-L-arginine in 7,12-

dimethylbenz(a)anthracene-induced breast cancer in rats

Nikolay Avtandilyan, Hayarpi Javrushyan, Anahit Mamikonyan, Anna Grigoryan, Armen Trchounian

Experimental and Molecular Pathology 2019 1-10

Article

Гистоморфологические изменения почек крыс при поступлении с кормом Афлатоксина В1

Карапетян А.Ф., Григорян А.В., Мхитарян М.А.

Успехи медицинской микологии 2018 309-313

Article

HISTOLOGICAL AND MORPHOLOGICAL CHANGES OF RATS' THYMUS UNDER THE INFLUENCE OF AFLATOXIN B1

H.N. YEGORYAN, A.V. GRIGORYAN, A.F. KARAPETYAN

Biological Journal of Armenia 2018 28-32

Article

INFLUENCE OF THE HRAZDAN RIVER POLLUTION ON MORPHOFUNCTIONAL FEATURES OF PELOPHYLAX RIDIBUNDUS INTESTINE

Grigoryan A.V.

ԵՊՀ գիտական տեղեկագիր, Բնական գիտություններ 2017 166-170

Article

THE IDENTIFICATION OF CLASTOGENIC IMPACTS OF WATER IN HRAZDAN RIVER BY STUDYING THE PERIPHERAL BLOOD ERYTHROCYTES OF LAKE FROG (PELOPHYLAX RIDIBUNDUS)

Grigoryan A.V., Karapetyan A.F., Jivanyan K.A

Biological Journal of Armenia 2017 39-43

Article

THE CLASTOGENIC IMPACT OF WATER IN HRAZDAN RIVER ON LIVER HEPATOCYTES AND PERIPHERAL BLOOD ERYTHROCYTES OF LAKE FROG (PELOPHYLAX RIDIBUNDUS)

Grigoryan A. V., Karapetyan A. F

Science Review 2017 7-10

Article

The karyologic study of frogs (Pelophylax Ridibundus) hepatocytes living in different surrounding areas of Hrazdan river characterized by different degrees of pollution

Grigoryan, A. V.

Biological Journal of Armenia 2016 45-50

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

Article

О морфофункциональных изменениях селезенки и тимуса крыс при поступлении с кормом микотоксинов

Дживанян К.А., Карапетян А.Ф., Григорян А.В.

Современный научный вестник 2012 121-124

Article

Об особенностях гистоморфологии печени и тонкой кишки крыс при поступлении с кормом микотоксинов

Дживанян К.А., Карапетян А.Ф., Григорян А.В.

Article

Гистоморфологические особенности кожи озерной лягушки (*Rana ridibunda*), обитающей у реки Раздан (Հրազդան գետի շրջակայքում բնակվող լճագորտի (*Rana ridibunda*) մաշկի հիստոմորֆոլոգիական առանձնահատկությունները)

А.В. Григорян, А.Ф. Карапетян, К.А.Дживанян

УЧЕНЫЕ ЗАПИСКИ ЕГУ, Химия и биология 2011 49-52

<http://ysu.am/science/hy/scientific-magazine/year/2011>

Article

О морфофункциональных особенностях печени и селезенки озерной лягушки (*Rana ridibunda*), обитающей у реки Раздан.

Карапетян, А. Ф., Григорян, А. В., Дживанян, К. А.

Biological Journal of Armenia 2011 14-17

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

Conference

Assessment of NO level and histological alterations in the rats brain during high altitude cerebral edema induced by hypobaric hypoxia

R. Shushanyan, A. Karapetyan, A. Grigoryan

Conference

Cytotoxic effect of the of SARS COV-2 on peripheral blood cells in the pathogenesis of COVID-19 disease

A. Karapetyan, A. Grigoryan, L. Niazyan, R. Shushanyan, T. Abgaryan, T. Galechyan, S. Iritsyan,

K. Sargsyan

Conference

Acute brain edema associated with the elevated levels of oxidative stress mediators and TNF-alpha in rats: biochemical and immunohistochemical assessment

R. Shushanyan, A. Grigoryan, E. Nadiryan, A. Karapetyan

Conference

The morphofunctional changes in rat's liver under conditions of 7, 12-DMBA-induced breast cancer after NG-Nitro-L-arginine methyl ester treatment

A. Grigoryan, R. Shushanyan, N. Avtandilyan, A. Karapetyan

Conference

ANTI-CANCER PROPERTIES AND POTENTIAL MOLECULAR MECHANISMS OF COMBINATIONS OF HERBAL EXTRACTS AND CHEMOTHERAPEUTIC AGENTS

N. Avtandilyan, H. Javrushyan, H. Karapetyan, A. Grigoryan, E. Nadiryan, G. Sevoyan, M. Ginovyan,

A. Maloyan

Conference

Developing Soft Skills in the Path of Integration of Immunology and Vaccinology Course in the Yerevan State University Curricula

L. Niazyan, A. Grigoryan, H. Panosyan, I. Bazukyan, A. Hovhannisyan, T. Abgaryan, Z. Aleksanyan,

K. Sargsyan, A. Karapetyan

Conference

Impact of Sea Buckthorn Oil and Dexamethasone on Hematological Parameters in Hypoxia-Exposed Rats

Anna Grigoryan, Ruzanna Shushanyan, Tamara Abgaryan, Milena Shahbazyan, Tatev Poghosyan, Zarik Stepanyan, Nona Grigoryan, Anna Karapetyan

Conference

Liver Regeneration and Immune System Interactions: Evidence from Thymus and Bursa of Fabricius in Chickens

Tamara Abgaryan, Anna Grigoryan, Ruzanna Shushanyan, Milena Shahbazyan, Anna Karapetyan

Conference

The impact of high altitude hypoxia on brain and liver: histomorphological insights into hepatic-neurovascular interactions

R. Shushanyan, A. Grigoryan, T. Abgaryan, A. Karapetyan

Conference

MORPHOFUNCTIONAL CHANGES IN THE BURSA OF FABRICIUS DURING LIVER REGENERATION

T. Abgaryan, A. Grigoryan, R. Shushanyan, A. Karapetyan

Conference

Nuclear and Nucleolar Alterations in Rat Hepatocytes Following Combined Mycotoxin Exposure

Anna Karapetyan, Anna Grigoryan, Tamara Abgaryan

Conference

MORPHOFUNCTIONAL CHANGES IN PELOPHYLAX RIDIBUNDUS AS INDICATORS OF ENVIRONMENTAL POLLUTION IN THE HRAZDAN RIVER

A. Grigoryan, T. Abgaryan, T. Abgaryan, A. Karapetyan

Conference

MORPHOFUNCTIONAL CHANGES IN RAT SPLEEN AND THYMUS UNDER MYCOTOXIN EXPOSURE

A. Karapetyan, L. Niazyan, T. Abgaryan, A. Grigoryan
