

Edita Eduard Nadiryan

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Research Institute of Biology

Հիմնարար և ախտաբանական կենսաքիմիայի լաբորատորիա
Junior Researcher

Education

Institution	Yerevan State University
Faculty	Faculty of Biology, Chair of Biochemistry, Microbiology and Biotechnology
Date	2021 - 2023
Degree name	Masters

Institution	Yerevan State University
Faculty	Faculty of Biology, Chair of Biochemistry, Microbiology and Biotechnology
Date	2017 - 2021
Degree name	Bachelor

Language skills

Русский English

Work experience

Institution	Yerevan State University, Research Institute of Biology, Laboratory of Basic and Pathological Biochemistry
Period of time	2024 till now
Rank/degree	Junior Researcher

Institution	Yerevan State University, Research Institute of Biology, Laboratory of Basic and Pathological Biochemistry
Period of time	2022 - 2024
Rank/degree	Senior laboratory assistant

Institution	Yerevan State University, Chair of Biochemistry, Microbiology and Biotechnology
Period of time	2021 - 2024
Rank/degree	Senior laboratory assistant

Scientific interests

- Biochemistry

- Medical Biochemistry
 - Cancer Biochemistry
 - Biochemistry of cell signaling
 - Diabetes mellitus
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Participation in international conferences and seminars

29/06/2024 - 48th FEBS Congress - 'Mining biochemistry for human health and well-being'
03/07/2024 Italy

08/07/2023 - 47th FEBS Congress, Together in bioscience for a better future
12/07/2023 France

12/06/2023 - EACR 2023 Congress: Innovative Cancer Science
15/06/2023 Italy

09/07/2022 - ,The Biochemistry Global Summit (25th IUBMB Congress, the 46th FEBS Congress and the 15th PABMB Congress)
14/07/2022 Portugal



Publications

Article

5-fluorouracil and Rumex obtusifolius extract combination trigger A549 cancer cell apoptosis: uncovering PI3K/Akt inhibition by in vitro and in silico approaches
Mikayel Ginovyan, Hayarpi Javrushyan, Svetlana Hovhannisyan, Edita Nadiryan, Gohar Sevyan, Tigran Harutyunyan, Smbat Gevorgyan, Zaruhi Karabekian, Alina Maloyan, Nikolay Avtandilyan
Scientific Reports 2024 1-16

Article

Royal Jelly-Mediated Silver Nanoparticles Show Promising Anticancer Effect on HeLa and A549 Cells Through Modulation of the VEGFa/PI3K/Akt/MMP-2 Pathway
Meri Kocharyan, Syuzan Marutyan, Edita Nadiryan, Mikayel Ginovyan, Hayarpi Javrushyan, Seda Marutyan, Nikolay Avtandilyan
Applied Organometallic Chemistry 2024 1-11

Article

THE CYTOTOXIC PROPERTIES OF ALCHEMILLA SMIRNOVII EXTRACT ON THE HELA CANCER CELLS VIA DOWNREGULATION OF ARGINASE ACTIVITY
S.M. Hovhannisyan, E.E. Nadiryan, M.V. Qocharyan, G.H. Petrosyan, G.P. Sevyan, Z.I. Karabekyan, H.G. Javrushyan, M.M. Ginovyan, N.V. Avtandilyan
ԵՊՀ գիտական տեղեկագիր. Զիմիա և կենսաբանություն: 2023 238-247

Article

REGULATORY EFFECTS OF RUMEX OBTUSIFOLIUS AND HYPERICUM ALPESTRE EXTRACTS ON THE QUANTITY OF IL-2 IN IN VITRO AND IN VIVO CANCER MODELS
E.E. Nadiryan, S.M. Hovhannisyan, M. V. Qocharyan, G.H. Petrosyan, H.G. Javrushyan, M.M. Ginovyan,

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

EVALUATION OF THE ANTIOXIDANT ACTIVITY AND THE ANTI-CANCER PROPERTIES

OF ALCHEMILLA SMIRNOVII JUZ. EXTRACT ON THE HELA CANCER CELL LINE

S. Hovhannisyan, E. Nadiryan, M. Qocharyan, G. Sevyan, M. Ginovyan, N. Avtandilyan

СТУДЕНЧЕСКАЯ ГОДИЧНАЯ НАУЧНАЯ КОНФЕРЕНЦИЯ ЯРОССИЙСКО-АРМЯНСКИЙ УНИВЕРСИТЕТА 2022

40-46

Conference

Upregulation of nitric oxide quantity by L-norvaline and L-arginine in high-fat diet and Streptozotocin-treated male rats

E. Nadiryan, H. Javrushyan, N. Avtandilyan, A. Maloyan

Conference

Anti-inflammatory and immunostimulatory effect of Hypericum alpestre combined with arginase and NOS inhibitors in the rat breast cancer model

H.Javrushyan, E.Nadiryan, G.Petrosyan, M.Ginovyan, A.Maloyan, N.Avtandilyan

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

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. Sevyan, M. Ginovyan,

A. Maloyan

Conference

Enhanced anti-inflammatory and antiproliferative effects of Inula helenium herbal extract and arginase inhibitor in breast cancer in vivo study

E. Nadiryan, H. Javrushyan, N. Avtandilyan