

# Meri Varujan Kocharyan

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## Research Institute of Biology

Basic and Pathological Biochemistry Laboratory

Senior laboratory assistant

## Education

<b>Institution</b>	Yerevan State University
<b>Faculty</b>	Biology/General and Medicinal Biochemistry
<b>Date</b>	2021 - 2023
<b>Degree name</b>	Masters

<b>Institution</b>	Vanadzor State University
<b>Faculty</b>	Biology/Pharmaceutical Chemistry
<b>Date</b>	2017 - 2021
<b>Degree name</b>	Bachelor

## Language skills

Русский English

## Work experience

<b>Institution</b>	Research Institute of Biology
<b>Period of time</b>	2022 till now
<b>Rank/degree</b>	senior Assistant

## State awards and honorary titles

2023 An interdisciplinary competition held within the framework of the "All-Armenian Conference 2023".

2022 Arpa Institute

## Publications

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 Action Mechanisms, Anti-Cancer and Antibiotic-Modulation Potential of Vaccinium myrtillus L. Extract**

Mikayel Ginovyan, Anush Babayan, Anahit Shirvanyan, Alvard Minasyan, Meri Qocharyan, Barbara Kuszniereicz, Izabela Koss-Mikołajczyk, Nikolay Avtandilyan, Anne Vejux, Agnieszka Bartoszek, Naira Sahakyan  
Discovery Medicine 2023 590-611

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Article

**THE CYTOTOXIC PROPERTIES OF ALCHEMILLA SMIRNOVII EXTRACT ON THE HELA CANCER CELLS VIA DOWNREGULATION OF ARGINASE ACTIVITY**

S.M. Hovhannisyanyan, E.E. Nadiryan, M.V. Qocharyan, G.H. Petrosyan, G.P. Sevoyan, Z.I. Karabekyan, H.G. Javrushyan, M.M. Ginovyan, N.V. Avtandilyan  
ԵՊՀ գիտական տեղեկագիր. Քիմիա և կենսաբանություն: 2023 238-247

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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. Hovhannisyanyan, M. V. Qocharyan, G.H. Petrosyan, H.G. Javrushyan, M.M. Ginovyan, N.V. Avtandilyan  
ԵՊՀ գիտական տեղեկագիր. Քիմիա և կենսաբանություն: 2023 248-257

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Article

**EVALUATION OF THE ANTIOXIDANT ACTIVITY AND THE ANTI-CANCER PROPERTIES OF ALCHEMILLA SMIRNOVII JUZ. EXTRACT ON THE HELA CANCER CELL LINE**

S. Hovhannisyanyan, E. Nadiryan, M. Qocharyan, G. Sevoyan, M. Ginovyan, N. Avtandilyan  
СТУДЕНЧЕСКАЯ ГОДИЧНАЯ НАУЧНАЯ КОНФЕРЕНЦИЯ ЯРОССИЙСКО-АРМЯНСКИЙ УНИВЕРСИТЕТА 2022  
40-46

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Conference

**Hypericum alpestre combined with arginase and NOS inhibitors shows antiproliferative activity in the rat breast cancer model**

H. Javrushyan, N. Avtandilyan, S. Hovhannisyanyan, M. Qocharyan, M. Ginovyan, A. Maloyan

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Conference

**The combination of herbs and chemotherapeutic agents inhibits tumor progression via down-regulation of the TNF $\alpha$ -VEGF $\alpha$ /PI3K/Akt/NOS/COX-2-MMP-2 pathway in DMBA-induced breast cancer in rats**

N. Avtandilyan, M. Kocharyan, S. Hovhannisyanyan, S. Gevorgyan, H. Javrushyan, M. Ginovyan, A. Maloyan

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