Ruzanna Kim Petrosyan

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Research Institute of Biology
Laboratory of Animal Evolution and Zoonotic Diseases
Scientific Worker

Faculty of Biology
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Scientific Worker

Education

Institution	Yerevan State University
Faculty	Biology/zoology
Date	2016 - 2017
Degree name	Applicant

Institution	Yerevan State University
Faculty	Biology/zoology
Date	2012 - 2014
Degree name	Masters

Institution	Yerevan State University
Faculty	Biology/ biochemistry
Date	2008 - 2012
Degree name	Bachelor

Scientific Rank/degree

Institution	Yerevan State University
Date	2019
Degree name	Candidate
Scientific Supervisor	Arakelyan Marine
Research Topic	POPULATION ECOLOGY OF ENDANGERED SPECIES OF LIZARDS IN ARMENIA

Language skills

Русский English

Work experience

Institution	Yerevan State University
Period of time	2023 till now
Rank/degree	Junior Researcher

Institution	Yerevan State University
Period of time	2015 - 2023
Rank/degree	senior Assistant

Publications

Article

Variation and Morphological Manifestation of Germline-Restricted Chromosomes in Three Species of Leaf Warblers of Genus Phylloscopus

Ruzanna Petrosyan, Victor Spangenberg, Marko Raković, Yana Dombrovskaya, Zhenya Poghosyan, Tigran Abgaryan, Lianna Virabyan, Emma Rose Khachatrian, Irina Ayvazyan

Cytogenetic and Genome Research 2025 219–227

Article

Premeiotic endoreplication is the mechanism of obligate parthenogenesis in rock lizards of the genus Darevskia

Petrosyan Ruzanna, Arakelyan Marine, Dmitry Dedukh, Lukáš Kratochvíl, Altmanová Marie, Galoyan Eduard

Biology Letters 2024 20240182

Article

Status of the Dwarf Lizard (Parvilacerta parva) at the edge of its range in Armenia

Marine Arakelyan, Tigran Tadevosyan, Ruzanna Petrosyan, Tigran Ghrejyan, Angin Grigoryan

Zoology in the Middle East 2023 232-242

Article

Peculiarities of Thermal Biology in Two Parthenogenetic Rock Lizard Species, Darevskia armeniaca and Darevskia unisexualis, and One Bisexual Species, Darevskia valentini (Lacertidae, Squamata)

R. K. Petrosyan, M.S. Arakelyan, O. D. Nikolaev, D. A. Belova, B. A. Novikov, I. B. Simis, V. A. Komarova, E. A. Galoyan

Biology Bulletin 2022 1214–1223

Article

Genetic Variability and the Potential Range of Darevskia rostombekowi in Transcaucasia

F. A. Osipov, A. A. Vergun,, M. S. Arakelyan,, R. K. Petrosyan, N. N. Dergunova,, L. A. Neymark, V. G. Petrosyan

Biology Bulletin 2021 681-692

Article

Rediscovery of Chernov’s skink (Ablepharus chernovi Darevsky, 1953) in Armenia

Marine Arakelyan, Vasil Ananian, Ruzanna Petrosyan

Herpetology Notes 2019 475-477

Article

Extraordinary centromeres: differences in the meiotic chromosomes of two rock lizards species Darevskia portschinskii and Darevskia raddei

Spangenberg V, Arakelyan M, Galoyan E, Pankin M, Petrosyan R, Stepanyan I, Grishaeva T, Danielyan F, Kolomiets O

PeerJ 2019 e6360

Article

Natural history of Valentin’s rock lizard (Darevskia valentini) in Armenia

Eduard Galoyan,, Alisa Bolshakova,, Manush Abrahamyan, Ruzanna Petrosyan, Valeria Komarova, Victor Spangenberg, Marine Arakelyan

ZOOLOGICAL RESEARCH 2019 277-292

Article

DAILY ACTIVITIES OF PARTHENOGENETIC DAREVKIA ROSTOMBEKOWI SPECIES

R.K. Petrosyan

Biological Journal of Armenia 2018 93-96

Article

Reticulate Evolution of the Rock Lizards: Meiotic Chromosome Dynamics and Spermatogenesis in Diploid and Triploid Males of the Genus Darevskia

Victor Spangenberg, Marine Arakelyan, Eduard Galoyan, Sergey Matveevsky, Ruzanna Petrosyan, Yuri Bogdanov, Felix Danielyan, Oxana Kolomiets

Genes 2017 1-15

http://www.mdpi.com/journal/genes

Conference

THE REPRADUCTIVE FEATURES OF RARE PARTENOGENETIC SPECIES DAREVSKIA ROSTOMBEKOWI

Petrosyan R.K., Arakelyan M.S.

2017 255-257

http://ace.aua.am/conferences-seminars/biological-diversity-and-conservation-pr...

Conference

CONSERVATION MEASURES FOR THE CRITICALLY ENDANGERED SPECIES OF LIZARD IN ARMENIA (EREMIS ARGUTA TRANSCAUCASICA)

Arakelyan M.S., Petrosyan R.K.

2017 22-24

http://ace.aua.am/conferences-seminars/biological-diversity-and-conservation-pr...

Article

ՄԵՂՐԱԽՈՏԻ (Stevia rebaudiana Bertoni) ԵՎ ԻՄՈԲԻԼԻԶԱՑԻՈՆ ՍԹՐԵՍԻ ՀԱՄԱԿՑՎԱԾ ԱԶԴԵՑՈՒԹՅՈՒՆԸ ՃԱԳԱՐԻ ԱՐՅԱՆ ԳԼՅՈՒԿՈԶԻ ԵՎ ԼՅԱՐԴՈՒՄ ՈՒ ԿՄԱԽՔԱՅԻՆ ՄԿԱՆՆԵՐՈՒՄ ԳԼԻԿՈԳԵՆԻ ՊԱՐՈՒՆԱԿՈՒԹՅԱՆ ՎՐԱ

Ծ.Ի. Ադամյան, Հ.Մ. Կարապետյան, Է.Ս. Գևորգյան, Ն.Վ. Սարգսյան, Ռ.Կ.Պետրոսյան

Biological Journal of Armenia 2016 27-32

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

Conference

PATTERN OF COEXISTING OF ENDANGERED PARTHENOGENETIC SPECIES Darevskia

rostombekowi WITH SYNTOPIC Darevskia SPECIES
Ruzanna PETROSYAN, Marine ARAKELYAN, Razmik SARGSYAN

2016 31

https://sites.google.com/site/9thlacertidsymposium/book-of-abstracts

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Conference

Особенности конкурентного синапсиса гомеологичных хромосом в мейозе приводят к тератозооспермии у триплоидных гибридов Армянских скальных ящериц
Спангенберг В.Е, Аракелян М.С., Даниелян Ф.Д, Матвеевский С.Н, Петросян Р. К, Галоян Э.А,

Коломиец О.Л

2016 291-291

http://www.vogis.org

Conference

Do parthenogenetic lizards prefer sex when possible?Ecological, behavioural and cytogenetic features of complex population comprising of two parthenogenetic, one bisexual species and their hybrids of rock lizards (Darevskia, ZAURIA) in Armenia
Galoyan E.A, Arakelyan M.S, Matveevsky S.N, Ruzanna P., Abrahmyan M, Kolomiets O.L.,

Spangenberg V.E

2016 31

http://www.wch2016hangzhou.com

Article

СРАВНЕНИЕ ВРЕМЕННОЙ СОСТАВЛЯЮЩЕЙ ЭКОЛОГИЧЕСКИХ НИШ СИНТОПИЧНЫХ ВИДОВ СКАЛЬНЫХ ЯЩЕРИЦ АРМЕНИИ
М. Абраамян, Р. Петросян, М. Аракелян

ԵՊՀ ՈՒԳԸ գիտական հոդվածների ժողովածու 2015 72-74

http://www.ysu.am/sss/hy

Article

SEASONAL AND DAILY ACTIVITIES OF TWO SYNTOPIC PARTHENOGENETIC LIZARDS OF GENUS DAREVSKIA
M. R. ABRAHAMYAN, R. K. PETROSYAN, Ed. A. GALOYAN, F. D. DANIELYAN, M. S. ARAKELYAN

Proceedings of the YSU B Chemical and Biological Sciences 2014 39-42

http://www.ysu.am/science/hy/journals

Article

ԷԿՈԼՈԳԻԱԿԱՆ ԳՈՐԾՈՆՆԵՐԻ ԱԶԴԵՑՈՒԹՅՈՒՆԸ ԺԱՅՌԱՅԻՆ ՄՈՂԵՄՆԵՐԻ ՄԱԿԱԲՈՒԾԱՅԻՆ ՎԱՐԱԿՎԱԾՈՒԹՅԱՆ ՎՐԱ
Թ.Կ. ՀԱՐՈՒԹՅՈՒՆՅԱՆ, Ռ.Կ. ՊԵՏՐՈՍՅԱՆ, Ֆ.Դ. ԴԱՆԻԵԼՅԱՆ, Մ.Ս. ԱՌԱՔԵԼՅԱՆ

Biological Journal of Armenia 2013 130-135

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

Article

A skeletochronological study of parthenogenetic lizards of genus Darevskia from Turkey
Arakelyan Marine, Petrosyan Ruzanna, Çetin Ilgaz, Yusuf Kumlutaş, SalihHakan Durmuş, Yahya Tayhan

Acta Herpetologica 2013 99-104

http://www.fupress.net/index.php/ah

Conference

Comparative analysis of two close related forms of fizard Darevskia "raddei"and D, "nairensis"

Petrosyan Ruzanna, Arakelyan Marine

2013 45

https://sites.google.com/site/8thlacertidsymposium/

Article

Comparative analysis of the reproductive activity of two related forms of rock lizard D.raddei and D.nairensis

Ռուզաննա Պետրոսյան

Գավառի պետական համալսարանի գիտական հոդվածների ժողովածու 2012 94-96

http://www.gsu.am/?go=menu32