Gagik Suren Melikyan

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Institute of Pharmacy
Research Center for the Institute of Pharmacy
Scientific Worker

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Scientific Worker

Education

Faculty	Chair of French
Date	1976 - 1977
Degree name	Qualified specialist

Institution	Yerevan State University
Faculty	Chair of organic chemistry
Date	1968 - 1970
Degree name	PhD student

Institution	Yerevan State University
Faculty	Faculty of chemistry
Date	1962 - 1967
Degree name	Qualified specialist

Scientific Rank/degree

Institution	Yerevan State University
Date	2002
Degree name	Professor

Institution	Yerevan State University
Date	1994
Degree name	Doctor
Research Topic	Synthesis and study of esters, amides and hydrazides of cyclic structure

Institution	Yerevan State University
Date	1972
Degree name	Candidate
Scientific Supervisor	Avetisyan Aida
Research Topic	Investigations in the field of unsaturated lactones

Language skills

Русский Français

Work experience

Institution	Yerevan State University
Period of time	2022 till now
Rank/degree	Senjor researcher

Institution	Yerevan State University
Period of time	2000 till now
Rank/degree	Professor

Institution	Caen University/France
Period of time	1995 till now
Rank/degree	Professor

Institution	Le Mann University /France/
Period of time	1994 - 1995
Rank/degree	Associated Professor

Institution	Paris VI /France/
Period of time	1993 till now
Rank/degree	Senjor researcher

Institution	University of Bratislava,
Period of time	1987 - 1990
Rank/degree	Researcher

Institution	Yerevan State University
Period of time	1984 - 1999
Rank/degree	Associated Professor

Institution	Kabilia University, Algerie
Period of time	1977 - 1981
Rank/degree	Associated Professor

Institution	Yerevan State University
Period of time	1971 - 1983
Rank/degree	Assistant

Membership

Institution	Adviser on psychoactive substances and drugs, RA Police
Period of time	1995 till now

Institution	Member of the Scientific Council of the Faculty of Chemistry Yerevan State University
Period of time	2010 - 2015

Publications

Article

Sequential Michael addition, cross-coupling and [3 + 2] cycloaddition reactions within the coordination sphere of chiral Ni(ii) Schiff base complexes derived from dehydroamino acids: pathways to the asymmetric synthesis of structurally diverse O-substi...

Emma A. Khachatryan, Lusine Yu. Sahakyan, Anna S. Tovmasyan, Gagik S. Melikyan,

Henrik A. Panosyan, Anna F. Mkrtchyan, Norio Shibata, Andrei V. Malkov, Ashot S. Saghyan

RSC Advances 2025 10558-10564

Article

Binding of G-quadruplex DNA and serum albumins by synthetic non-proteinogenic amino acids: Implications for c-Myc-related anticancer activity and drug delivery

Hayarpi Simonyan, Satenik Petrosyan, Lusine Sahakyan, Gagik Melikyan, Ashot Sagyan,

Rosanna Palumbo, Caterina Vicidomini, Pasqualina Liana Scognamiglio, Giovanni N. Roviello

Molecular Therapy — Nucleic Acids 2025 102478

Article

Efficient Synthesis and Biological Evaluation of 1,4-Disubstituted 3-Cyanopyridin-2(1H)-ones as Selective Inhibitors of the Post-Acid Activity of Mammalian 20S Proteasomes

L. V. Karapetyan, G. G. Tokmajyan, G. S. Melikyan, M. Bouvier-Durand, M. Reboud-Ravaux, T. H. Pham

Russian Journal of Organic Chemistry 2025 449-455

Article

NEW C1 AND N5 DERIVATIVES OF CERPEGINE. SYNTHESIS AND ANTIBACTERIAL ACTIVITY STUDY

G.S. Melikyan, R.M. Hakobyan, H.V. Adunts, H.S. Attaryan, R.E. Muradyan, H.G. Arakelyan,

N.A. Mirakyan, A.M. Davinyan, S.S. Mamyan

IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENIY KHIMIYA KHIMICHESKAYA TEKHNOLOGIYA 2025 35-47

Article

SYNTHESIS OF NEW γ-LACTONE RING DERIVATIVES CONTAINING PYRIDINE AND TRICONDENSED SYSTEMS (СИНТЕЗ НОВЫХ ПРОИЗВОДНЫХ γ-ЛАКТОННОГО КОЛЬЦА, СОДЕРЖАЩИХ ПИРИДИНОВЫЕ И ТРИКОНДЕНСИРОВАННИЕ СИСТЕМЫ)

R.M. Hakobyan, L.A. Kharatyan, S.S. Hayotsyan, H.S. Attaryan, G.S Melikyan

IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENIY KHIMIYA KHIMICHESKAYA TEKHNOLOGIYA 2024 28-40

Article

Synthesis and Biological Activity of 4-Fluorophenylcyclohexyl(tetrahydropyranyl)methyl-Substituted Aryloxypropanolamines

G. S. Melikyan, A. A. Aghekyan, G. G. Mkryan, H. A. Panosyan, A. S. Tsatinyan, A. S. Grigoryan,

H. V. Gasparyan

Russian Journal of Organic Chemistry 2023 756-763

Article

Synthesis and Selected Transformations of New 2-Aminopyridine Derivatives Based on Furan-2(5H)-ones

Gagik S. Melikyan, Robert M. Hakobyan, Astghik A. Shahkhatuni, Hovhannes S. Attaryan,

Armen G. Ayvazyan

ChemistrySelect 2023 e202301183

Conference

SYNTHESIS OF POTENTIALLY BIOACTIVE 1,4-DISUBSTITUTED 3-CYANOPYRIDIN-2(1H)-ONES

Karapetyan L.V., Tokmajyan G.G., Melikyan G. S.

2023 186

https://newtrendschem.org/

Article

Synthesis of Substituted 4-(Thiophen-2-yl)nicotinonitriles

G. S. Melikyan, R. M. Hakobyan, H. S. Attaryan, S. S. Hayotsyan

Russian Journal of Organic Chemistry 2020 356-360

Article

Cerpegin-derived furo[3,4-c]pyridine-3,4(1H,5H)-diones enhance cellular response to interferons by de novo pyrimidine biosynthesis inhibition

Gagik Melikyan, Anna A. Hovhannisyan, Simon Hayek, Nicolas Pietrancosta, Rodolphe Alves de Sousa,

Nassima Bekaddour, Laura Ermellino, Enzo Tramontano, Stephanie Arnould, Claude Sardet,

Julien Dairou, Olivier Diaz, Vincent Lotteau, Sebastien Nisole, Jean-Philippe Herbeuval,

Pierre-Olivier Vidalain

European Journal of Medicinal Chemistry 2020 111855

Article

Effects of the selective inhibition of proteasome caspase-like activity by CLi a derivative of nor-cerpegin in dystrophic mdx mice

Gagik Melikyan, Yeranuhi Hovhannisyan, Nathalie Mougenot, Jacqueline Gao-Li, Bertrand Friguet,

Denise Paulin, Zhenlin Li, Arnaud Ferry, Onnik Agbulut

PLOS ONE 2019 e0215821

Article

Synthesis of pyridone-substituted furan-2(5H)-ones and their intramolecular cyclization to afford furo[3,4-f]isoquinolines

Gagik S. Melikyan, Robert M. Hakobyan, Sargis S. Hayotsyan, Hovhannes S. Attaryan

Chemistry of Heterocyclic Compounds 2019 1245-1250

Patent

NOVEL 5-CYCLOPROPYL- [3,4-C]PYRIDINE-3,4(1H,5H)-DIONE 1,1’ SUBSTITUTED DERIVATIVES AND THEIR USES

MELIKYAN , Mr. Gagik, HAYEK, Mr. Simon, PIETRANCOSTA, Mr. Nicolas, HERBEUVAL, Mr. Jean-Philippe,

ALVES DE SOUZA , Mr. Rodolphe, VIDALAIN , Mr. Pierre-Olivier

2019

Article

Phenoxypropanolamine derivatives as selective inhibitors of the 20S proteasome b1 and b5 subunits

Gagik S. Melikyan, Anna A. Hovhannisyan, The Hien Pham, Dominique Bouvier, Xiao Tan, SiAmmar Touhar, Gevorg G. Mkryan, Ashot M. Dallakyan, Chahrazade El Amri, Michèle Reboud-Ravaux, Michelle Bouvier-Durand

Bioorganic & Medicinal Chemistry Letters 2017 5172–5178

Conference

Synthesis of new3-pyridine substituted furan-2(5H)-ones

G. Melikyan, R. Hakobyan, S Hayotsyan, H. Attaryan

2017 114-115

http://armbiotech.am/arm/conf/conf4/index.html