

# Gagik Suren Melikyan

Research Center for the Institute of Pharmacy

Senior researcher

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## Education

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<b>Institution</b>	Moscow University of foreign languages named after M. Torez
<b>Faculty</b>	Chair of French
<b>Date</b>	1976 - 1977
<b>Degree name</b>	Qualified specialist

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<b>Institution</b>	Yerevan State university
<b>Faculty</b>	Chair of organic chemistry
<b>Date</b>	1968 - 1970
<b>Degree name</b>	PhD student

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<b>Institution</b>	Yerevan State university
<b>Faculty</b>	Faculty of chemistry
<b>Date</b>	1962 - 1967
<b>Degree name</b>	Qualified specialist

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## Scientific Rank/degree

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<b>Institution</b>	Yerevan State university
<b>Date</b>	2002
<b>Degree name</b>	Professor
<b>Specialty</b>	Chemical sciences

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<b>Institution</b>	Yerevan State university
<b>Date</b>	1994
<b>Degree name</b>	Doctor
<b>Specialty</b>	Chemical sciences
<b>Research Topic</b>	Synthesis and study of esters, amides and hydrazides of cyclic structure

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<b>Institution</b>	Yerevan State university
<b>Date</b>	1972
<b>Degree name</b>	Candidate
<b>Specialty</b>	Chemical sciences
<b>Scientific Supervisor</b>	Avetisyan Aida
<b>Research Topic</b>	Investigations in the field of unsaturated lactones

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## Language skills

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Русский Français

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## Work experience

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

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

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**Institution** Caen University/France  
**Period of time** 1995 - 1995  
**Rank/degree** Professor

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

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**Institution** Paris VI /France/  
**Period of time** 1993 - 1993  
**Rank/degree** Senior researcher

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

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

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

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

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## Scientific interests

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- Chemistry of unsaturated heterocyclic compounds
  - Chemistry of biologically active organic compounds
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## Membership

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**Institution** Adviser on psychoactive substances and drugs, RA Police

**Period of time** 1995 till now

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**Institution** Member of the Scientific Council of the Faculty of Chemistry Yerevan State University

**Period of time** 2010 - 2015

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## Publications

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*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 (Журнал органической химии) 2023 756-763

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*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

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*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 (Журнал органической химии) 2020 356-360

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*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

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*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

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*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

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*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

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*Conference*

**Synthesis of new 3-pyridine substituted furan-2(5H)-ones**

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

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*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

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*Conference*

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

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

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