

# Meri Kakhbrishvili

## Personal information

## Contact Details

ID Number: 01011050913

Email address: m.kakhbrishvili@tsmu.edu

Full name: Meri Kakhbrishvili

Call number: 595434129

Gender: Female

Country: საქართველო (Georgia)

Date of birth: 24.04.1953

City: Tbilisi

Citizenship: საქართველო (Georgia)

Address: Tsikhisdziri str. #5

## Languages

Language	Writing	Reading	Speaking
ქართული (Georgian)	C2	C2	C2
Russian	C2	C2	C1
English	B2	B2	B1

## Education

### Academic degree

Academic Degree: Doctoral/PhD, Ed.D or other equivalent

Year obtained: 06.11.1985

### Education

Academic Degree	Name of the Institution	Country	Major discipline	Start year	End year
Doctoral/PhD, Ed.D or other equivalent	Iv. Javakhishvili Tbilisi State University		Organic Chemistry	1982	1985
Master/MS, MA, MR, MBA, m.Ed or other equivalent	Iv. Javakhishvili Tbilisi State University		Chemistry	1971	1976

## Projects

### Ongoing projects

Project title	Position	Project head	Start Date	Donor
Fundamental research state grant (#FR-23-1931) Synthesis of potential biologically active nitrogen-containing 5 $\alpha$ steroids by modification of tige	researcher	Nana Barbakadze	19.12.2023	Shota Rustaveli National Science Foundation of Georgia

### Completed projects

Project title	Position	Project head	Start Date	End Date	Donor
---------------	----------	--------------	------------	----------	-------

Project title	Position	Project head	Start Date	End Date	Donor
Fundamental research state grant (#217560) "Synthesis and pharmacological research of potential bioactive nitrogen-containing 5 $\alpha$ -steroids"	Key personnel	Namuli Nadaraia	12.12.2016	12.12.2018	Shota Rustaveli National Science Foundation
Fundamental Research State Grant (#GNSF/STO8/ 4-406) "Potentially active steroidal compounds. Synthesis and pharmacological research"	Resercher	Madona Sikharulidze	07.04.2009	07.04.2011	LEPL Georgian National Science Foundation

## Scientific Fields (2018-2020)

### Main Field

Field: 1. Natural sciences

Sub-Field: 1.4 Chemical sciences

Subject area: 1.4.1 Organic chemistry

## Scientific Fields (2021-2024)

### Main Field

Field: 1. Physical Sciences and Engineering

Sub-Field: 1.5 Synthetic Chemistry and Materials

Subject area: 1.5.17 Organic chemistry

### Additional Field (1)

Field: 1. Physical Sciences and Engineering

Sub-Field: 1.5 Synthetic Chemistry and Materials

Subject area: 1.5.18 Medicinal chemistry

## Employment History

### Current place(s) of employment

Workplace	Name of the work department	Position	Main responsibilities	Start Date
TSMU I. Kutateladze Institute of Pharmacochemistry	Department of Chemical Modification of Herbal Biopolymers and Natural Compounds	Research Scientist	Synthesis of biologically active compounds	11.09.2023

### Work experience

Company/Institution	Name of the department	Position	Main responsibilities	Start Date	End Date
TSMU I. Kutateladze Institute of Pharmacochemistry	Department of plant biopolymers and chemical modification of natural compounds	Senior Research Scientist	Synthesis of potential biologically active organic compounds	01.08.2018	10.09.2023
TSMU I. Kutateladze Institute of Pharmacochemistry	Department of plant biopolymers and chemical modification of natural compounds	Senior Research Scientist	Synthesis of biologically active compounds	08.09.2014	01.08.2018
N(A)RP TSSU I. Kutateladze Institute of Pharmacochemistry	Laboratory of chemical modification of natural compounds	Scientist Researcher	Synthesis of biologically active compounds	01.02.2012	01.02.2013

Company/Institution	Name of the department	Position	Main responsibilities	Start Date	End Date
I. Kutateladze Institute of Pharmacochemistry	Laboratory of chemical modification of natural compounds	science scienrist	Synthesis of biologically active compounds	30.10.2009	01.02.2012
I. Kutateladze Institute of Pharmacochemistry	Laboratory of chemical modification of natural compounds	science researcher	Synthesis of biologically active compounds	01.11.2006	30.10.2009
I. Kutateladze Institute of Pharmacochemistry	Laboratory of synthesis of steroid compounds	science researcher	Synthesis of biologically active compounds	06.06.1986	01.11.2006
I. Kutateladze Institute of Pharmacochemistry	Laboratory of synthesis of steroid substances	Junior scientist researcher	Synthesis of steroid compounds	06.11.1985	07.07.1986
I. Kutateladze Institute of Pharmacochemistry	Laboratory of synthesis of steroid compounds	Senior laboratory assistant	Synthesis of indolubenzo[b]furanes	01.12.1979	06.11.1985
Kutateladze st. Institute of Pharmacochemistry	Laboratory of synthesis of steroid compounds	laboratory assintant	Synthesis of indolubeno[b]furanes	20.04.1978	04.12.1979
Institute of Hygiene and occupational disease	Laboratory of Organic Chemistry	laboratory assistant	Synthesis of organic compounds	16.11.1976	20.04.1978

## Scientific Productivity

### Article / Monograph / Manual

Type	Authors	Publication title	Source title	Year
Article	Nanuli Nadaraia, Meri Kakhbrishvili, Nana Barbakadze, Vakhtang Mshvildadze, Jean Legault, Karen Mulkijanyan	Modification of Pregnenolone to some NitrogenContaining Steroids	Bulletin of the Georgian National Academy of Sciences	2023
Article	N.Nadaraia, N.Barbakadze, M.Kakhbrishvili, K.Mulkijanyan, V.Mshvildadze, J.Legault.	Synthesis of New 5 $\alpha$ -Steroidal Hydrazones from Tigogenin	Bulletin of the Georgian National Academy of Sciences	2022
Article	N. Sh. Nadaraia, N. N. Barbakadze, M. L. Kakhbrishvili, K. G. Mulkidzhanyan, M. Z. Getia	Synthesis and antiviral activity of modified5 $\alpha$ -steroids	Chemistryof Natural Compounds	2022
Article	N. Sh.Nadaraia, M. L. Kakhbrishvili , N. N. Barbakadze,V. D. Mshvildadze, K. G. Mulkijanyan, A. Pichette	Synthesis and cytotoxicity of 5 $\alpha$ -pregnan-3 $\beta$ -ol-20-one hydrazones	Chemistry of Natural Compounds	2021
Article	N. Nadaraia, N. Barbakadze, M. Kakhbrishvili, V. Mshvildadze	Synthesis And Biological Activity Of Hydrazones Of 5 $\alpha$ -Steroids	Research Journal of Pharmaceutical, Biological and Chemical Sciences	2019
Article	N. Sh. Nadaraia, L. Sh. Amiranashvili, M. Merlani, M. Kakhbrishvili, N. N. Barbakadze, A. Geronikaki, A.Petrou, V. Poroikov, A. Ciric, J. Glamoclija, M. Sokovic	Novel antimicrobial agents, discovery among the steroid derivatives	Steroids	2019
Article	N.Sh.Nadaraia, N.N.Barbakadze, M.L.Kakhbrishvili, B.Sylla, A.Pichette, U.S.Makhmudov	Synthesis and Biological Activity of several Modified 5 $\beta$ -androstanolone Derivatives	Chemistry of Natural Compounds	2018
Article	N. Sh. Nadaraia, M. L. Kakhbrishvili, N. N. Barbakadze, V. D. Mshvildadze, B. Sylla, J. Legault, A. Pichette	Synthesis and Biological Activity of of Steroidal Tigogenin Hydrazones and Pyrazolines	Chemistry of Natural Compounds	2018
Article	N. Nadaraia, M. Kakhbrishvili, N. Barbakadze, V. Mshvildadze, B. Sylla, A. Pichette	Synthesis of some 5 $\alpha$ -Androstano[17,16-d]pyrazoles from Tigogenin	Bulletin of the Georgian National Academy of Sciences	2018
Article	N.Sh.Nadaraia, M.L.Kakhbrishvili, N.N.Barbakadze, A.Pichette	Synthesis of 3 $\beta$ -acetoksi-1'-aryl-3'-methyl-5 $\beta$ -androstano[17,16-d]pyrazolines	Georgian Chemical Journal	2017
Article	N.Sh.Nadaraia, E.O.Onashvili, M.L.Kakhbrishvili, N.N.Barbakadze, B.Sylla, A.Pichette	Synthesis and antiviral activity of several N-containing 5 $\alpha$ -steroids	Chemistry of Natural Compounds	2016
Article	N.N.Barbakadze, N. Sh. Nadaraia, M. L. Kakhbrishvili, E. O. Onashvili, A.R.Katritzky	Synthesis from tigogenin of 17 $\beta$ -amino-5 $\alpha$ -androstan-3 $\beta$ -ol peptide derivatives	Chemistry of Natural Compounds	2016
Article	N. Nadaraia, N.Barbakadze, M. Kakhbrishvili	Some derivatives of 5 $\alpha$ -androstane series modified by N-protected amino acids	Georgia Chemical Journal	2016

Type	Authors	Publication title	Source title	Year
Article	N.Sh.Nadaraia, M.L.Kakhabrishvili, N.N.Barbakadze E.O.Onashvili	Syntesis of hydrazones of 5 $\beta$ -androst-2-en-17-one	Georgia Chemical Journal	2015
Article	N.N. Barbakadze, R.A. Jones, N.R. Rosario, N.Sh. Nadaraia, M. L. Kakhabrishvili, C. D. Hall, A.R. Katritzky	Chemical modification of oximes with N-protected amino acids	Tetrahedron	2014
Article	N. Sh. Nadaraia, M. L. Kakhabrishvili, E. O. Onashvili, N. N. Barbakadze, M. Z. Getia, A. Pichette, M. I. Sikharulidze, U. S. Makhmudov	Synthesis of several 5 $\alpha$ -androstano[17,16-d]pyrazolines from tigogenin.	Chemistry of Natural Compounds	2014
Article	N. Sh. Nadaraia, M. L. Kakhabrishvili, N. N. Barbakadze, E. O. Onashvili	Syntesis of 3 $\beta$ -substitudes steroidal thioesters from tigogenin	Georgia Chemical Journal	2014
Article	N. Sh. Nadaraia, M. L. Kakhabrishvili, N. N. Barbakadze, E. O. M. I. Sikharulidze	Synthesis of some derivatives of 17 $\beta$ -amino-5 $\alpha$ -androst-2-en	Georgia Chemical Journal	2013
Article	Sikharulidze M., Nadaraia N., Kakhabrishvili M., Barbakadze N.	Synthesis and biological activity of some derivatives of 5 $\alpha$ -androst-2-en-17-one	Collection of Scientific Works of Tbilisi State Medical Uuniversity	2012
Article	M.I.Sikharulidze, N.Sh.Nadaraia, M.L.kakhabrishvili	Synthesis and antituberculosis activity of several steroids from 3 $\beta$ -acetoxy-5 $\alpha$ -pregn-16-en-20-one	Chemistry of Natural Compounds	2012
Article	M.Sikharulidze, H. Надараია, M. Alapishvili, M. Kakhabrishvili, N. Barbakadze	Synthesis of 17 $\beta$ -acetoxy-5 $\alpha$ -androst-1-en-3-one from tigogenin	Georgia Chemical Journal	2011
Article	M.I.Sikharulidze, N.Sh.Nadaraia, M.L.kakhabrishvili	Some derivatives of 5 $\alpha$ -pregnenolone	Chemistry of Natural Compounds	2010
Article	M.I.Sikharulidze, N.Sh.Nadaraia, M.L.Kakhabrishvili, N.N.Barbakadze, K.G.Mulkidzhanyan	Synthesis and Biological Activity of Several Steroidal oximes	Chemistry of Natural Compounds	2010
Article	M.I.Sikharulidze, N.Sh.Nadaraia, M.L.kakhabrishvili, M.O.Labartkava	Adamantane-containing 5 $\alpha$ -steroids	Chemistry of Natural Compounds	2007
Article	M.Sikharulidze, N.Nadaraia, M.kakhabrishvili, M.Labartkava	Some dihydrazones of $\Delta$ 4-androsten-3,17-dione	Georgia Chemical Journal	2006
Article	M.Sikharulidze, N.Nadaraia, M.kakhabrishvili, M.Labartkava	Modified epiandrosterone and its some derivative	Georgia Chemical Journal	2006

### Participation in scientific events

Scientific event name	Title of the presentation	Event venue	Year
2th International Scientificil Conferense on chemical & Technologian Aspects of Biopolyments	SYNTHESIS OF SOME 5 $\alpha$ -STEROIDAL PEPTIDES	Batumi Shota Rustaveli state university	2023
International scientific conference "Chemistry-achievements and perspectives" dedicated to the 90th anniversary of the birth of Academician Givi Tsintsadze	Hydrazones of 3 $\beta$ -esterified epiandrosterone	Tbilisi Georgia	2023
2nd International Scientific Conference: "Science, Education, Innovations and Chemical Technologies –From Idea toImplementation"2023	Some new steroidal 1,2,3-triazole	Tbilisi, Georgia	2023
III International Scientific and Practical conference "Fundamental and applied research in the field of pharmaceutical technology" dedicated to 100th anniversary of the birthday of D.P.Salo	Synthesis and biological investigation of 5 $\alpha$ -steroid hydrazones on the base of tigogenin	Ukraine	2023
International Scientific-Practical Conference "Georgian Scientific Pharmacy: Past and Present"	Synthesis and Pharmacological Activity of Nitrogen-Containing 5 $\alpha$ -Steroids	Tbilisi, Georgia	2022
International Scientific-Practical Conference "Georgian Scientific Pharmacy: Past and Present"	Synthesis and Pharmacological Activity of Nitrogen-Containing 5 $\alpha$ -Steroids	Tbilisi, Georgia	2022
Green Medicatiopns – By Green Technologies – For Healthy Life	Nev Hydrazones of Epiandrosterone	Tbilisi, Georgia	2019
Green Medicatiopns – By Green Technologies – For Healthy Life	Synthesis of new azaderivatives of 5 $\alpha$ -pregnan-3 $\beta$ -ol-20-one	Tbilisi, Georgia	2019
6th International Conference and Exhibition on Materials Science and Chemistry	Synthesis of 5 $\alpha$ -steroidal[17,16-d]pyrazolines	Italy, Rome	2018
6th International Conference and Exhibition on Materials Science and Chemistry	Synthesis of derivatives of adamantane modified epiandrosterone	Italy, Rome	2018

Scientific event name	Title of the presentation	Event venue	Year
6th International Conference and Exhibition on Materials Science and Chemistry	Synthesis of hydrazones of 5 $\alpha$ -androstane series	Italy, Rome	2018
18th Biotechnology Congress	Mono- and dipeptide derivatives of 17 $\beta$ -amino-5 $\alpha$ -androstan-3 $\beta$ -ol	USA, New York	2017
World Congress on Pharmacology & Chemistry of Natural Compounds	Synthesis of some derivatives of 5 $\alpha$ -steroids	Tbilisi, Georgia	2017
International Scientific Conference "Future technologies and quality of life"	Synthesis of 3 $\beta$ -hydroxy-1'-aryl-3'-methyl-5 $\alpha$ -androstan[17,16-d]pyrazoles	Batumi, Georgia	2017
6th World Congress on Biopolymers	Chemical modification of 5 $\alpha$ -steroidal oximes and amine with N-protected amino acids	Paris, France	2017
12th International Symposium on the Chemistry of Natural Compounds	The O-acylation of 5 $\alpha$ -steroidal oximes with N-protected amino acids	Uzbekistan, Tashkent	2017
12th International Symposium on the Chemistry of Natural Compounds	Synthesis of new hydrazone- and pyrazoline derivatives of 5 $\alpha$ -steroids	Uzbekistan, Tashkent	2017
6th World Congress on Medicinal Chemistry and Drug Design	5 $\alpha$ -Steroidal hydrazones: Synthesis and biological activity	Milan, Italy	2017
6th World Congress on Medicinal Chemistry and Drug Design	5 $\alpha$ -Steroidal amines: Synthesis and biological activity	Milan, Italy	2017
Third scientific conference "Natural and synthetic biologically active compounds"	Synthesis some derivatives of 17 $\alpha$ -amino-5 $\alpha$ -androstan-3 $\beta$ -ole ზოგიერთი წარმოებულის სინთეზი	Tbilisi, Georgia	2016
International scientific conference is dedicated to the 60th anniversary of R. Agladze institute of inorganic Chemistry and Elektrochemistry "Modern researches and prospects of their use in chemistry, chemical engineering and related fields"	Synthesis of potential bioactive steroidal oximes, semi- and thiosemicarbazones	Ureki, Georgia	2016
5th International conference "Modern problems of chemical sciences and pharmacy"	Синтез некоторых пептидных производных 17 $\beta$ -амино-5 $\alpha$ -андростан-3 $\beta$ -ола	Cheboksary, Russia	2016
3rd International conference on pharmaceutical sciences, ICPS-2015	5 $\alpha$ -Pregnenolone oximes chemical modification with N-protected amino acids	Tbilisi, Georgia	2015
5th International conference CBC-2015	Nitrogen containing 5 $\alpha$ -steroidal heterocycles: synthesis and biological activity	Saint Petersburg, Russia	2015
II International Scientific Conference "Pharmaceutical sciences in XXI century".	Synthesis of potential bioactive 3 $\beta$ -substituted steroidal thioesters from tigogenine	Tbilisi, Georgia	2014
Scientific conference "Modernity, theory and practices" of Tbilisi teaching University "Gorgasali"	Synthesis and biological research of 5 $\alpha$ -androst-2-en-17-one	Tbilisi, Georgia	2014
8th Eurasian Meeting on Heterocyclic Chemistry, EAMHC-2014	The Condensation Reactions of Acetate Pregnenolone With Some Hydrazines	Tbilisi, Georgia	2014
8-Th Eurasian Meeting on Heterocyclic Chemistry, EAMHC-2014	Synthesis and Antiviral Activity of Some Hydrazones of 5 $\alpha$ -Androstanolone	Tbilisi, Georgia	2014
3-rd International Conference on Organic Chemistry, ICOC-2014	Some derivatives of 3 $\beta$ -phenylacetoxo-5 $\alpha$ -androstan-17-one and assessment of their biological activity	Tbilisi, Georgia	2014
X International Symposium of Natural Compounds	Study of synthesis of some 20-hydrazones of 16 $\alpha$ ,17 $\alpha$ -epoxi-5 $\alpha$ -pregnan-3 $\beta$ -ol-20-one	Tashkent-Bukhara	2013
Conference "Modern technologies, problems and perspectives" of Tbilisi teaching University "Gorgasali"	Synthesis of some steroidal pyrazolines from tigogenin	Tbilisi, Georgia	2013
Second scientific conference "Natural and synthetic biologically active compounds"	Some sateroidal pyrazolines and their antiviral activitie	Tbilisi, Georgia	2013

Scientific event name	Title of the presentation	Event venue	Year
14th French-American Chemical Society Symposium	Synthesis of some new derivatives of 17 $\beta$ -amino-5 $\alpha$ -androst-2-ene	Nantasket Beach Resort Hull, MA	2012
7th European Conference on Medicinal and Aromatic Plants of Southeast European Countries	Derivatives of some herbal compounds; Synthesis and Biological activity	Subotica, Republic of Serbia	2012
9th International Symposium on the Chemistry of Natural Compounds	Synthesis of new hydrazones of epiandrosterone as potentially biologically active agents	Urumqi Xinjiang, China	2011
Twelfth Tetrahedron Symposium	Synthesis and antiviral activity adamantane-containing 5 $\alpha$ -steroids	Barcelona, Spain	2011
2-nd International Conference on Organic Chemistry. „Advances in Heterocyclic Chemistry”	Synthesis of some steroidal pyrazolines from acetate of 5 $\alpha$ -pregnenolone	Tbilisi, Georgia	2011
1st international symposium on Secondary Metabolites chemical, biological and biotechnological properties	Antiviral activity of some steroidal compounds, synthesized on the basis of tigogenine	Denizli, Turkey	2011
International conference "Actual problems of chemistry of natural compounds"	Novel hydrazones modified epiandrosterone	Tashkent, Uzbekistan	2010
6th Conference on Aromatic and Medicinal Plants of Southeast European Countries	Modified Steroids: Synthesis and Biological Activity	Antalya, Turkey	2010
VIII Russian conference "Chemistry and medicine" with international participation	Some novel hydrazones of epiandrosterone	Russia	2010
Republic scientific conference "Natural and synthetic biologically active compounds"	Some aminosteroids and their anti tubercular activity	Tbilisi, Georgia	2010
Actual problems of chemistry of natural products	Steroidal oximes as biologically active compounds	Tashkent, Uzbekistan	2009
Symposium on organic chemistry	Aminomethylation of emodine	Signagi, Georgia	2009
International conference "Actual problems of chemistry of natural compounds"	Steroidal oximes as biologically active compounds	Tashkent, Uzbekistan	2009
International conference on Organic Chemistry	Synthesis and preliminary antitubercular activities of some steroidal compounds	Erzurum, Turkey	2007
10th International Symposium on Natural Product Chemistry	Synthesis of 5 $\alpha$ -pregn-2-en-20-one and some of its derivatives	Karachi, Pakistan	2006

### Productivity index

#	Citation index	h-index
Google scholar	114.00	6.00
Scopus	84	5