Lali Gogilashvili

Personal information

Contact Details

Email address: l.gogilashvili@tsmu.edu

Full name: Lali Gogilashvili

Gender: Female

Country: საქართველო (Georgia)

Date of birth: 08.11.1949

City: Tbilisi

Citizenship: საქართველო (Georgia)

Languages

Language	Writing	Reading	Speaking
English	B1	B2	A2
Russian	C1	C1	C1
ქართული (Georgian)	C2	C2	C2

Education

Academic degree

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

Year obtained: 5 ოქტომბერი 1983

Education

Academic Degree	Name of the Institution	Country	Major discipline	Start year	End year
Doctoral/PhD, Ed.D or other equivalent	Zelinsky Institute of Organic Chemistry Academy of Sciences USSR Moscow	Russian Federation	Chemistry of Carbohydrates	1979	1982
Master/MS, MA, MR, MBA, m.Ed or other equivalent	Tbilisi State Polytechnical Institute		Technology of main organic and oil synthesis	1966	1971

Projects

Completed projects

Project title	Position	Project head	Start Date	End Date	Donor
Development of modern II stage wound healing preparations on the basis of novel plant biopolymer	Research-Scientist	Aliosha Bakuridze	02.04.2012	02.04.2014	Shota Rustaveli National Science Foundation. AR/109/8-403/11; Grant agreement N 10/21; 02.04.2012
Biopolymer from Symphytum asperum and S.caucasicum and its synthetic analogs: prospec- tive wound-healing agents	Research-Scientist	Vaxtang Barbakadze	07.04.2009	07.04.2011	Shota Rustaveli National Science Foundation. Grant N GNSF/ST 08/6-469; 07.04.2009

Project title	Position	Project head	Start Date	End Date	Donor
Bilateral USA-Georgian project "A new polymer poly[3-(3,4-dihydroxyphenyl)glyceric acid] from S. asperum and S.caucasicum and its synthetic monomer: prospective cancer preventive and anti-cancer compounds"	Research-Scientist	Vaxtang Barbakadze	01.06.2007	01.06.2008	Georgian Research and Development Foundation (GRDF) and U.S. Civilian Research & Development foundation (CRDF). Grant N GEB2-3344-TB-06; 01.06.2007

Scientific Fields

Main Field

Field: 1. Natural sciences

Sub-Field: 1.4 Chemical sciences

Subject area: 1.4.1 Organic chemistry

Additional Field (1)

Field: 1. Natural sciences

Sub-Field: 1.4 Chemical sciences

Additional Field (2)

Field: 1. Natural sciences

Sub-Field: 1.4 Chemical sciences

Subject area: 1.4.1 Organic chemistry

Employment History

Current place(s) of employment

Workplace	Name of the work department	Position	Main responsibilities	Start Date
TSMU I.Kutateladze institute	Deparment of Plant Biopolymers and Chemical Modification of Natural Compounds	Senior Researcher Scientist	Research of Plant Biopolymers	01.08.2018
LEPL Tbilisi State Medical University I.Kutateladze Institute of Pharmacochemistry	Laboratory of Plant Biopolymers	senior researcher scientist	The isolation, purification and investigation chemical structure and biological activity of plant biopolymers	08.09.2014

Work experience

Company/Institution	Name of the department	Position	Main responsibilities	Start Date	End Date
NAPR Tbilisi State Medical University I.Kutateladze Institute of Pharmakochemistry	Laboratory of Plant Biopolymers	Senior researcher scientist	Isolation,purification and analyses of biopolymers from plants	01.01.2013	08.09.2014
NAPR Tbilisi State Medical University I.Kutateladze Institute of Pharmakochemistry	Laboratory of Plant Biopolymers	Researcher scientist	Isolation,purification and analyses of biopolymers from plants	02.01.2012	01.01.2013
I.Kutateladze Institute of Pharmacochemistry Academy of Sciences of Georgia	Laboratory of Phytochemistry	senior researcher scientist	Investigation Lectins of plants	07.10.1990	10.31.2006
I,Kutateladze Institute of Pharmakochemistry Academy of Sciences of Georgia	Laboratory of Phytochemistry	Researcher scientist	Investigation lectins from plants	07.07.1986	07.10.1990

Company/Institution	Name of the department	Position	Main responsibilities	Start Date	End Date
Zelinski Institute of Organic Chemistry Academy of Sciences of USSR	Laboratory of Chemistry of Carbohydrates	Post graduate student	Enzymatic synthesis of Salmonella O-specific polysaccharide analogs	05.10.1979	05.10.1982
I.Kutateladze Institute of Pharmac Sciences of Georgia	Laboratory of Phytochemistry	Junior researcher scientist	Investigation of lectins from plants	01.12.1978	06.28.1982
I.Kutateladze Institute of Pharmakochemistry Academy of Sciences of Georgia	Laboratory of Phytochemistry	Junior research scientist	Investigation lectins of plants	12.01.1978	06.28.1982
Zelinski Institute of Organic Chemistry Academy of Sciences of USSR	Laboratory of chemistry of carbohydrates	An intern student	Investigation carbohydrets from bacteree	01.10.1976	01.12.1978
I.Kutateladze Institute Academy of Sciences of Georgian Republic	Laboratory of Analytical Chemistry	Senior Laborer	Chemical Analyses of phyto-compounds	01.04.1976	01.10.1976
I.Kutateladze Institute of Pharmakochemistry Academy of Sciences of Georgian Republic	Laboratory of analytical chemistry	laborer	Chemical Analyses of phytochemical compounds	1.02 1973	4.01.1976

Scientific Productivity

Article / Monograph / Manual

Type	Authors	Publication title	Source title	Year
Article	Maia Merlani, Vakhtang Barbakadze, Lela Amiranashvili, Lali Gogilashvili, Vladimir Poroikov, Anthi Petrou, Athina Geronikaki*, Ana Ciric and Marina Sokovic	New Caffeic Acid Derivatives as Antimicrobial Agents: Design, Synthesis, Evaluation and Docking	Current Topics in Medicinal Chemistry	2019
Article	M. Merlani, V. Barbakadze, L. Amiranashvili, L. Gogilashvil	Synthesis of New Dihydroxylated Derivatives of Ferulic and Isoferulic Acids	Bull. Georg. Natl. Acad. Sci.	2018
Article	S.Gokadze, L. Gogilashvili, L.Amiranashvili,V.Barbakadze, M. Merlani, A.Bakuridze, A. Salgado, B. Chankvetadze	Investigation of Water-Soluble High Molecular Preparation of Symphytum grandiflorum DC (Boraginaceae	Bull. Georg. Natl. Acad. Sci. , V. 11, N 1, P. 115-121.	2017
Article	M.Merlani, V.Barbakadze, L.Gogilashvili, L.Amiranashvili	Antioxidant Activity of Caffeic Acid-Derived Polymer from Anchusa italica.	Bull. Georg. Natl. Acad. Sci., V. 11, N 2, P. 123-127	2017
Article	M.Merlani, V.Barbakadze, L.Amiranashvili, L.Gogilashvili, T.Nakano	Synthesis of natural biologically active poly[3-(3,4-dihydroxyphenyl)-glyceric acid analogues	Chem. Sci. J., V. 7, Issue 2 (Suppl.), P.29.	2016
Article	L. Amiranashvili, L. Gogilashvili, S. Gokadze, M. Merlani, V. Barbakadze, B.Chankvetadze	UHPLC-Q-TOF/MS Characterisation of Several Compounds from the Roots and Stems Extracts of Symphytum Asperum	Bull. Georg. Natl. Acad. Sci. V. 10, N 3, P. 127-133.	2016
Article	K.Mulkijanyan, V.Barbakadze, M.Merlani, L.Gogilashvili, L.Amiranashvili, Zh.Novikova, M.Sulakvelidze	Plant Biopolymers from Boraginaceae Family Species and their Synthetic Derivatives: Prospective Pharmacological Agents	Clin. Exp. Pharmacol., V. 5, N 4, P. 46.	2015
Article	V. Barbakadze, L. Gogilashvili, L. Amiranashvili, M. Merlani, K. Mulkijanyan.	Novel biologically active caffeic acid-derived biopolymer from different species of Boraginaceae family with potential therapeutic effect	J. Biotechnol. Biomater. , V. 3, Issue 5, P. 122.	2014
Article	V. Barbakadze, L. Gogilashvili, L. Amiranashvili, M. Merlani, K. Mulkijanyan	Novel Biologically Active Phenolic Polymers from Different Species of Genera Symphytum and Anchusa (Boraginaceae).	J. Chem. Eng. Chem. Res. V. 1, N 1, P. 47-53.	2014
Article	V.Barbakadze, L.Gogilashvili, L. Amiranashvili, M. Merlani, K. Mulkijanyan, S.Gokadze, Y.Wang, J.Hoang, I.Rustamov.	HPLC analysis of poly[3-(3,4-dihydroxyphenyl)glyceric acid] preparations from Symphytum asperum and Anchusa italica (Boraginaceae) using different gel-filtration columns.	Bull. Georg. Natl. Acad. Sci. V. 7, N 1, P. 83-88.	2013
Article	V.Barbakadze, L.Gogilashvili, L.Amiranashvili, M.Merlani, K. Mulkijanyan, A.Salgado, B.Chankvetadze	Novel biologically active dihydroxycinnamate-derived polyether from different species of family Boraginaceae	Bull. Georg. Natl. Acad. Sci. V. 7, N 2, P. 136-142.	2013
Article	S.Gokadze, V. Barbakadze, L. Gogilashvili, L. Amiranashvili, A. Bakuridze	Development of technology for the substance of poly[3-(3,4-dihydroxyphenyl) glyceric Acid] from Symphytum asperum	Georgian Med News. V. 218, P. 72-77. Russian.	2013

Type	Authors	Publication title	Source title	Year
Article	Barbakadze, M.Merlani, L.Amiranashvili, L.Gogilashvili, K.Mulkijanyan.	Study of Poly[Oxy-1-Carboxy-2-(3,4-Dihydroxyphenyl)Ethylene] From Symphytum asperum, S.caucasicum, S.officinale, Anchusa italica by Circular Dichroism.	Bull. Georg. Natl. Acad. Sci. V. 6, N 1, P. 143-146.	2012
Article	S.Shrotriya, G.Deep, K.Ramasamy, K.Raina, V.Barbakadze, M.Merlani, L. Gogilashvili, L.Amiranashvili, K.Mulkijanyan, K.Papadopoulos, C.Agarwal, R.Agarwal.	Poly[3-(3, 4-dihydroxyphenyl) glyceric] acid from comfrey exerts anti-cancer efficacy against human prostate cancer via targeting androgen receptor, cell cycle arrest and apoptosis.	Carcinogenesis. V. 33, N 8, P. 1572-15803.	2012
	M.Merlani, V.Barbakadze, L.Amiranashvili, L. Gogilashvili, K. Mulkijanyan.	Synthesis of Some Caffeic and 2,3-Dihydroxy-3-(3,4-Dihydroxyphenyl)-Propanoic Acids Amides.	Bull. Georg. Natl. Acad. Sci. V. 5, N 3, P. 107-111.	2011
Article	V.Barbakadze, L.Gogilashvili, L.Amiranashvili, M.Merlani, K.Mulkijanyan, M.Churadze, A.Salgado, B.Chankvetadze.	Poly[3-(3,4-dihydroxyphenyl)glyceric acid] from Anchusa italica roots.	Natural Product Communications,V. 5, N 7, P.1091-1095.	2010
	V.Barbakadze, L.Gogilashvili, L. Amiranashvili, M. Merlani, K. Mulkijanyan	Spectrophotomertric quantitative determination of poly[3-(3,4-dihydroxyphenyl)glyceric acid]	Bull. Georg. Natl. Acad. Sci. V. 4, N 3, P. 123-126.	2010
Article	M.Merlani, V.Barbakadze, L.Amiranashvili, L.Gogilashvili, E.Yannakopoulou, K.Papadopoulos, B.Chankvetadze	Enantioselective synthesis and antioxidant activity of 3-(3,4-dihydroxyphenyl)-glyceric acid - Basic monomeric moiety of a biologically active polyether from Symphytum asperum and S. caucasicum.	Chirality, V. 22, N 8, P. 717-725. Impact Factor 2012-1.718.	2010
Article	V.Barbakadze, K.Mulkijanyan, L.Gogilashvili, L.Amiranashvili, M.Merlani, Zh. Novikova, M.Sulakvelidze.	Allantoin- and pyrrolizidine alkaloids-free wound healing compositions from Symphytum asperum.	Bull. Georg. Natl. Acad. Sci. V. 3, N 1, P. 159-164.	2009
Article	K.Mulkijanyan,V.Barbakadze, Zh.Novikova, M. Sulakvelidze, L. Gogilashvili, L.Amiranashvili, M. Merlani.	Burn healing compositions from Caucasian species of comfrey (Symphytum L.)	Bull. Georg. Natl. Acad. Sci. V. 3, N 3, P. 114-117.	2009
Article	L.Gogilashvili, L.Amiranashvili, V.Barbakadze, M.Merlani, K.Mulkijanyan,E.Shaburishvili.	Obtaining of toxic pyrrolizidine alkaloid-free biologically active high molecular preparations of Symphytum asperum and S.caucasicum.	Bulletin of The Georgian National Academy of Sciences, v. 2, N 2, p. 85-89.	2008
Article	M.Merlani, V.Barbakadze, L.Gogilashvili, L.Amiranashvili, K.Mulkijanyan, E.Yannakopoulou, K.Papadopoulos, D.Christodouleas.	Synthesis and antioxidant activity of 3-(3,4-dihydroxyphenyl)glyceric acid, monomer of a biologically active polyether isolated from Symphytum asperum and S.caucasicum.	Planta Medica, V.74, N 9, P. 1167-1168.	2008
Article	V.Barbakadze, K. Mulkijanyan, M.Merlani, L.Gogilashvili, L.Amiranashvili	Effects of poly[3-(3,4-dihydroxyphenyl)glyceric acid] on the inflammatory response of tumor activated hepatic sinusoidal endothelium.	Bulletin of The Georgian National Academy of Sciences, , v. 2, N 2, p. 85-89.	2008
Article	N.Khatiashvili, L.Gogilashvili,E.Yarosh and E.Kemertelidze	Lipids from Sterculia Platanifolia and Hamamelis Virginiana seeds.	Chem.Nat. Compounds,v.42,#3,p.315-316	2007
Article	V.Barbakadze, K. Mulkijanyan, M.Merlani, L.Gogilashvili, L.Amiranashvili.	Structure of Glucofructan from Bulbs of Galanthus platyphyllus Traub et Moldenke (Amaryllidaceae)	Bulletin of The Georgian National Academy of Sciences, v. 175, N 2, p. 86-88.	2007
Article	N.Khatiashvili, L.Gogilashvili, E.kemertelidze	Lipids from seeds of Abies nordmanniana	Chem. Nat. Compounds, v.41, #4, p.471-472.	2005
Article	Gogilashvili L.M., Xatiashvili N. S., Iavich P.A.-	Extraction of fruits of Paliurus spina chirsti Mill. Pharmatsia, (2000) # 2, p. 24-25.	Pharmatsia, # 2, p. 24-25.	2000
Article	Gogilashvili L.M., Kemertelidze Et. P	Lectin from roots of Brionia alba. Chem. Nat. Compnds. (2000), #4, p. 399-401.	Chem. Nat. Compounds. , #4, p. 399-401.	2000
Article	Druzhinina T.N.,Gogilashvili L.M.,Eliseeva G.I.,Shibaev V.N.-	The sensitivity of mannosyl transferases from Salmonella serogroups E1 and B to modification of the glycosyl donor heterocyclic bases.	Bioorg.,Khim.. v.12, # 9, p. 1181-1184.	1986
Article	Shibaev V.N.,Danilov L.L., Druzhinina T.N., Gogilashvili L.M.,Maltsev S.D.,Kochetkov N.K.	Enzymatic synthesis of Salmonella O-specific polysaccharide analogs from modified polyprenylphyroposphate sugar acceptors.	Febs Letters, v.139, #2, p.177-180.	1982

Participation in scientific events

Scientific event name	Title of the presentation	Event venue	Year
10-th Eurasian Meeting on Heterocyclic Chemistry (EAMHC-2019)	Synthetic analogues of natural biopolymer from Boraginaceae family	Milano Marittima (Ravenna)-Italy September 15-19	2019
10-th Eurasian Meeting on Heterocyclic Chemistry (EAMHC-2019)	Chemical content of different species of Boraginaceae family	Milano Marittima (Ravenna)-Italy September 15-19	2019
Green Medications By Green Technologies- For Healthy Life , 27-28 September	Isolation and Analysis of Low Molecular Compaunds from Symphytum (Boraginaceae)	Tbilisi, Georgia	2019
Green Medications By Green Technologies- For Healthy Life , 27-28 September	Caffeic Acid Derivatives Synthesis and Antimicrobial Activity	Tbilisi, Georgia	2019
6th World Congress on Medicinal Chemistry and Drug Design	Bioactive natural products from Symphytum (Boraginaceae)	Milan, Italy	2017
6th World Congress on Biopolymers	Biopolymer from Anchusa italica (Boraginaceae)	Paris	2017
3rd International Conference on Pharmaceutical Sciences.	Novel biomacromolecule from medicinal plants: prospective therapeutic agent	Tbilisi, Georgia	2015
3-rd International Conference on Organic Chemistry: Organic Synthesis - Driving Force of Life Development	Synthesis of a basic Monomeric moiety of Natural Monomer from Comfrey and their comparative Biological activity	Tbilisi, Georgia	2014
European Polymer Congress (European polymer Federation- EPF 2013)	Novel biologically active phenolic polymers from different species of genera Symphytum and Anchusa (Boraginaceae)	Pisa (Italy)	2013
1st European Conference on Natural Products: Research and Aplications	Caffeic acid-derived polymer from bugloss (Anchusa italica Retz.).	Frankfurt am Main, Germany	2013
12th International Polymers for Advanced Technologies (PAT) Conference	Novel phenolic polymer as potential therapeutic agent	Berlin, Germany	2013
XXVIth International Conference on Polyphenols	Novel biologically active dihydroxycinnamate-derived polyether from different species of Boraginaceae family	Florence, Italy	2012
Fifth international symposium on the separation and characterization of natural and synthetic macromolecules	Biologically active poly[oxy-1-carboxy-2-(3,4-dihydroxyphenyl)ethylene] from Symphytum Asperum, S.caucasicum and Anchuza Italica.	Amsterdam, Netherland	2011
Second International Symposium. Frontiers in Polymer Science. Organised by Elsevier	Poly[3-(3,4-dihydroxyphenyl)glyceric acid] from Anchusa italica Rets.	Lyon, France	2011
Oxidants and Antioxidants in Biology. Oxygen Club of California. World Congress	Enantioselective synthesis and antioxidative activity of 3-(3,4-dihydroxyphenyl)-glyceric acid – basic monomeric moiety of a biologically active polyether from Symphytum asperum and S. caucasicum.	Santa Barbara, California, USA	2010
Oxidants and Antioxidants in Biology. Oxygen Club of California. World Congress	Allantoin- and pyrrolizidine alkaloids-free wound healing compositions from Caucasian species of comfrey (Symphytum L.).	Santa Barbara, California, USA	2010
Actual problems of the Chemistry of Natural Compounds	Poly[3-(3,4-dihydroxyphenyl)glyceric acid] from Anchusa italica Retz. roots and its antioxidant activity.	Tashkent, Uzbekistan	2010
Frontiers in polymer science, International Symposium Celabrating the 50th Anniversary of the Journal Polymer	Novel anti-cancer polymer poly[3-(3,4-dihydroxyphenyl)glyceric acid] from Symphytum asperum and S.caucasicum	Mainz, Germany	2009
American Association for Cancer Research 100th Annual Meeting,	Anti-cancer efficacy of novel polymer from Caucasian species of comfrey and its synthetic monomer against androgen-dependent and -independent human prostate cancer cells.	Denver, Colorado, USA	2009
4th International Conference on oxidative stress in skin Medicine and Biology	Anti-cancer effects of poly[3-(3,4-dihydroxyphenyl)glyceric acid] from Caucasian species of comfrey and its synthetic monomer	Andros, Greece	2008

Productivity index

#	Citation index	h-index
Google scholar	134.00	7.00