Mariam Benidze

Personal information

ID Number: 01009013103

Full name: Mariam Benidze

Gender: Female

Date of birth: 23.04.1953

Citizenship: საქართველო (Georgia)

Contact Details

Email address: m.benidze@tsmu.edu

Call number: 598148898

Country: საქართველო (Georgia)

City: Tbilisi

Address: 211/2 Sh. Nutsubidze st., fl.12

Languages

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

Education

Academic degree

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

Year obtained: 18. 12. 1989.

Education

Academic Degree	Name of the Institution	Country	Major discipline	Start year	End year
Master/MS, MA, MR, MBA, m.Ed or other equivalent	Tbilisi State Medical Institute	საქართველო (Georgia)			
Doctoral/PhD, Ed.D or other equivalent	Moscow I. Sechenov First Medical Institute	Russian Federation			

Scientific Fields

Main Field

Field: 3. Medical and health sciences

Sub-Field: 3.1 Basic medicine

Subject area: 3.1.5 Pharmacology and pharmacy

Employment History

Current place(s) of employment

Workplace	Name of the work department	Position	Main responsibilities	Start Date
TSMU Iovel Kutatekadze Institute of Pharmacochemistry	Department of Phytochemistry	Senior Scientific researcher	Participation in scientific research projects at the department of Phytochemistry	01.01.1998

Work experience

Company/Institution	Name of the department	Position	Main responsibilities	Start Date	End Date
TSMU Iovel Kutatekadze Institute of Pharmacochemistry	Department of Phytochemistry	Scientific researcher	Participation in scientific research projects at the department of Phytochemistry	02.01.1990	01.01.1998
TSMU Iovel Kutatekadze Institute of Pharmacochemistry	Department of Phytochemistry	Junior Scientific researcher	Participation in scientific research projects at the department of Phytochemistry	01.03.1981	02.01.1990
TSMU Iovel Kutateladze Institute of Pharmacochemistry	Department of Phytochemistry	laboratory assistant	Supporting of scientific research works at the department of Phytochemistry	01.03.1980	01.03.1981

Scientific Productivity

Patents

Patent name	Issuing organization	Registration number	Year of Issue
Method of obtaining plant growth stimulant "Alexin"	National Intellectual Property Center of Georgia "Sakpatenti"	P 2017 6658 B	2017
Method of obtaining herbal medicine for the treatment of atherosclerosis	National Intellectual Property Center of Georgia "Sakpatenti"	GE U 2013, 1782 Y	2013
Method of obtaining plant growth stimulant "Alexin"	National Intellectual Property Center of Georgia "Sakpatenti"	P 2013 5971 B	2013
Remedy for treatment and prophylactic of atherosclerosis	National Intellectual Property Center of Georgia "Sakpatenti"	GE U 2011, 1655 Y	2011
Method for obtaining spirostanol glycosides with anti-fungal activity	National Intellectual Property Center of Georgia "Sakpatenti"	GE U 2011,1643 Y	2011

Article / Monograph / Manual

Type	Authors	Publication title	Source title	Year
Article	M. Benidze, V. Nebieridze, M. Ganzera, A. Skhirtladze, E. Kemertelidze	Sesquiterpene glycosides from flowers of Yucca gloriosa L.	Chemistry of natural compounds, 54, 1, 66-69	2018
Monograph	E. Kemertelidze, M.Benidze, A.Skhirtladze, N.Nadaraia, M.Merlani, L.Amiranashvili	Syntesis of steroidal hormonal preparations from tigogenin of Yucca gloriosa L, introduced in Georgia and study chemical composition of the plant	Georgian National Academy of sciences, Tbilisi, 230 p.	2018
Article	A. Skhirtladze, V. Nebieridze, M. Benidze, E. Kemertelidze, M. Ganzera	Furostanol glycosides from the roots of Tribulus terrestris L.	Bulletin of the Georgian National Academy of Sciences, 11(1), 122-126	2017
Article	A. Skhirtladze, M. Benidze, E. kemertelidze, B. Grigolava, S. Sturn, M. Ganzera	Steroidal composition of the fruits of Yucca gloriosa, introduced in Georgia	Chemistry of natural compounds, 51, 2, 249-253	2015
Article	E. Kemertelidze, M. Benidze, A. Skhirtladze	Tribusponin and Atherosponin-remedies of vegetable origin	Bulletin of the Georgian National Academy of Sciences, 7(3), 101-104	2013
Article	E. Kemertelidze, T. Muzashvili, M. Benidze, A. Tsaruk, Z. Khushbaktova, V. Sirov	Chemical composition and pharmacological action of the leaves Ruscus colchicus P. F. Yeo.	Chemical-pharmaceutical journal, 46, 6, 45-48	2012
Article	M. M. Benidze, A. V. Skhirtladze, E. P. Kemertelidze	Steroidal compounds of the stem Yucca gloriosa L.	Chemistry of natural compounds, N 3, 464-465	2012
Article	E. Kemertelidze, M. Benidze, A. Skhirtladze	Biologically active steroids from Digitatis ciliata, Tribulus terrestris and Yucca gloriosa, growing in Georgia	Planta medica, vol. 78, p. 1046	2012
Article	E. Kemertelidze M. Benidze, A. Skhirtladze	Steroidal glycosides from the leaves of Yucca gloriosa L.	Bulletin of the Georgian National Academy of seiences, 5(1), 158-163,	2011
Article	A. Skhirtladze, A. Perrone, P. Montoro, M. Benidze, E. Kemertelidze, C. Pizza, S. Piacente	Steroidal saponins from Yucca gloriosa T. rhizomes: LC-MS profiling, isolation and quantitative determination	Phytochemistry, 72, 1, 126-135	2011

Type	Authors	Publication title	Source title	Year
Article	P. Montoro, A. Skhirtladze, A. Perrone, M.Benidze, E. Kemertelidze, S. Piacente	Determination of steroidal glycosides in Yucca gloriosa flowers by LC/MS/MS	Journal of Pharmaceutical and Biomedical Analysis, 52, 791-795,	2010
Article	Kemertelidze E., Benidze M. . Skhirtladze A.	Steroidal compounds of Yucca gloriosa L., introduced in Georgia and their application	Chemical-pharmaceutical journal, v.43, 1, 27-29	2009
Article	C. Bassarelo,, G. Bifuclo, P. Montoro, A. Skhirtladze, M. Benidze, E. Kemertelidze, C. Pizza, S. Piacente	Yucca gloriosa: A source of phenolic derivatives with strong antioxidant activity	Journal of agricultural and food chemistry, 55, 6636-6642	2007
Article	A. Skhirtladze, A. Plaza, P. Montoro, M. Benidze, E. Kemertelidze, C. Pizza, S. Piacente	Furostanol saponins from Yucca gloriosa L. rhizomes	BIochemical systematics and ecology, 34,809-814	2006
Article	Favel A., Kemertelidze E., Benidze M., Fallague K., Regli D.	Antifungal activity of steroidal glycosides from Yucca gloriosa	Phytotherapy Researches , 19, 158-161	2005
Article	Kemertelidze E., Benidze M.	Steroidal glycosides of Yucca gloriosa L. and their influence on plant growth	Bulletin of Georgian Academy of Sciences, 164, 1, 91-93	2001

Scholarships and awards

Scholarships/awards name	Issuer	Year of Issue
Reward in the nomination of the best group of scientists working in the direction of the learning of live sciences, public healthcare , agrarian sciences	Shota Rustaveli National Science Foundation of Georgia	2018
Nominative academic prize of the academician Iovel Kutateladze	Georgian National Academy of Sciences	2010

Participation in scientific events

Scientific event name	Title of the presentation	Event venue	Year
Global Conference on Plant Science and Research	Secondary metabolites of Tribulus terrestris L., growing in Georgia	Valencia, Spain.	2019
Global Conference on Plant Science and Research	Chemical investigation of the flowers of Yucca elephantipes Regel., growing in Georgia	Valencia, Spain.	2019
30th International Symposium on the Chemistry of Natural Products	Stilbenes of Yucca gloriosa L. and their antioxidant, pro-apoptotic and antiproliferative activities.	Athens, Greece.	2018
Young stientists meeting: natural products in health, agri-food and cosmetics	Steroidal and phenolic compounds from the Yucca gloriosa L flowers and stems	France, Lille	2017
International scientific conference: Future technologies and Quality of life	Chemical composition of the flowers Yucca gloriosa L cultivated in Georgia	Batumi, Georgia	2017
The 3rd international conference of pharmaceutical science: looking towards the future, honouring the past.	Steroidal compounds from the stem of Yucca gloriosa L.	Georgia, Tbilisi	2015
The 3rd international conference of organic chemistry	Yucca gloriosa L. introduced in Georgia as rich source of steroidal compounds	Tbilisi, Georgia	2014
International Congress on Natural Products Research	Biologically active steroids from Digitatis ciliata, Tribulus terrestris and Yucca gloriosa, growing in Georgia	New York City	2012
9th International Symposium on the Chemistry of Natural Compounds	Chemical constituents of Yucca gloriosa L. introduced in Georgia	, Urumqi, China.	2011
VII International symposium on phenolic compounds	New stilbenes from Yucca gloriosa and their biological activity	Moscow, Russia	2009

Productivity index

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Google scholar	243.00	8.00