

Ketevan Mchedlidze

Personal information

ID Number: 01007012069

Full name: Ketevan Mchedlidze

Gender: Female

Date of birth: 21.04.1973

Citizenship: საქართველო (Georgia)

Contact Details

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Languages

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

Education

Academic degree

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

Year obtained: 30.03.2006

Education

Academic Degree	Name of the Institution	Country	Major discipline	Start year	End year
Doctoral/PhD, Ed.D or other equivalent	Georgian State Agricultural University	საქართველო (Georgia)		1996	2006
Professional/MD, JD or other equivalent	Georgian State Agricultural University	საქართველო (Georgia)	Sericulture	1990	1995

Projects

Completed projects

Project title	Position	Project head	Start Date	End Date	Donor
The feasibility and economic efficiency of Mulberry (Morus L.) multipurpose use in mountainous and lowland regions	Support Staff	Tina Dalalishvili	06.01.2013	19.12.2015	Georgian National Science Foundation
Gene pool protection of Georgian mulberry: breeding, zoning and distribution high-yielding and mycoplasma disease-resistant mulberry species, with consideration of vertical zonality	Support Staff	Besik Sakandelidze	21.01.2007	21.12.2009	Georgian National Science Foundation

Scientific Fields

Main Field

Field: 1. Natural sciences

Sub-Field: 1.6 Biological sciences

Subject area: 1.6.10 Plant sciences, botany

Additional Field (1)

Field: 4. Agricultural sciences

Sub-Field: 4.5 Other agricultural sciences

Employment History

Current place(s) of employment

Workplace	Name of the work department	Position	Main responsibilities	Start Date
TSMU I. Kutateladze Institute of Pharmacochimistry	Pharmacobotany Branch of the Department of Phytochemistry	Chief Scientist	Investigation of macro- and microstructural sustainable diagnostic characteristics of prospective medicinal plants; Determining the status of critical species; Planning and monitoring of floristic and targeted expeditions and other pharmacobotanical research activities.	01.08.2018

Work experience

Company/Institution	Name of the department	Position	Main responsibilities	Start Date	End Date
TSMU I. Kutateladze Institute of Pharmacochimistry	Pharmacobotany Branch of the Department of Phytochemistry	Principal Research Fellow	Investigation of the macro- and microstructural characteristics of promising medicinal plants and determination of diagnostic signs; Determining the status of critical species; Participation in targeted and floristic expeditions of pharmacobotanical nature.	08.09.2014	01.08.2018
I. Kutateladze Institute of Pharmacochimistry	Laboratory of Pharmacobotany	Senior Research Fellow	Pharmacobotanical study of prospective medicinal plants, study of anatomical structure and determination of diagnostic characteristics; Participation in floristic and targeted expeditions of pharmacobotanical nature.	31.10.2006	08.09.2014
Georgian State Agricultural University, Institute of Sericulture	Department of Mulberry breeding, selection and biochemistry	Acting Head of the Department	Study of anatomical structure of plants for selective mulberry selection.	01.06.2006	31.10.2006
I. Kutateladze Institute of Pharmacochimistry	Laboratory of Pharmacobotany	Senior Research Assistant	Macro- and microstructural research of promising medicinal plants.	13.10.2005	31.10.2006
Georgian State Agricultural University, Institute of Sericulture	Department of Mulberry breeding, selection and biochemistry	Research Fellow	Study of anatomical structure of plants for selective mulberry selection	27.07.2004	04.04.2006
Georgian State Agricultural University, Institute of Sericulture	Department of Mulberry breeding, selection and biochemistry	Junior Research Fellow	Research on anatomical structure of mulberry	01.01.2001	27.07.2004
Georgian State Agricultural University, Institute of Sericulture	The scientific part	Secretary	Facilitate case management in the scientific section of the institute	04.10.1995	02.12.2001

Scientific Productivity

Article / Monograph / Manual

Type	Authors	Publication title	Source title	Year
Article	Moshiashvili G., Mchedlidze K., Aneli J., Mshvildadze V., Legault J	Anatomical characteristics and biological activity of the stems and leaves of <i>Daphne albowiana</i> woronow ex Pobed.	Georgian medical news	2020
Article	K. Mchedlidze, K. Shalashvili, J. Aneli	Microstructural characteristics of <i>Rhododendron ponticum</i> L. leaf	Georgian medical news 11,308	2020
Article	K. Mchedlidze, M. Churadze, J. Aneli, G. Moshiashvili, V. Mshvildadze	Anatomical structure of the stem and leaf of <i>Daphne glomerata</i> Lam.	Journal of Pharmacognosy and Phytochemistry; 2019; 8 (4):3241-3244	2019
Article	Mchedlidze k., Churadze M., Aneli J., Lomidze E.	Sustainable microstructural diagnostic traits of <i>Daphne</i> species (Thymelaeaceae) stems		2019
Article	N.S. Vachnadze, V.Yu. Vachnadze, T.Sh. Suladze, K.Z. Mchedlidze, M. Sulakvelidze, V.D. Mshvildadze	Pharmacological active alkaloids, <i>Vinca herbacea</i> Waldst. et Kit. <i>Peganum harmala</i> L., growing in Georgia		2019
Article	K. Mchedlidze, M. Getia, N. Gorgaslidze, M. Churadze, J. Aneli	Structural peculiarities of the bark of <i>Betula megrelica</i> Sosn. and <i>B. litwinowii</i> Doluch.	Journal of Pharmacognosy and Phytochemistry; 2018; 7 (4):909-911	2018
Article	L. Kintsurashvili, K. Mchedlidze, M. Churadze, V. Mshvildadze	Microstructural characteristics of the needle of <i>Thaxus baccata</i> L. (Taxaceae) asacurative herbal raw material	Experimental and clinical medicine, 2018, N5, 41-44	2018
Article	K. Mchedlidze, M. Churadze, J. Anell, E. Lomidze	Microstructural Diagnostic Characteristics of vegetative Organs of <i>Tribulus terrestris</i> L. (Zygophyllaceae)	“Natural and synthetic biologically active substances” Tbilisi 2018, pp.149-151	2018
Article	N.S. Vachnadze, V.Yu. Vachnadze, L. Kintsurashvili, T.Sh. Suladze, K.Z. Mchedlidze	Stady of cytotoxic activities of alkaloids from medicinal plants growing in Georgia	International Scientific Conference „Future Technologies and Quality of Life” 2017; Batumi, Georgia	2017
Article	Vachnadze V., Vachnadze N., Gogitidze N., Mushkiashvili N., Mchedlidze K.	Biologically active alkaloids from rhizomes with roots of <i>Vinca herbacea</i> Waldst. Et Kit, growing in Georgia	Georgian Medical News, 2017, N10 (271), 122-127	2017
Article	M. Getia, K. Mchedlidze, M. Churadze, E. Lomidze, J. Aneli	Anatomical and morphological characteristics of the bark of the Georgian local endemic species <i>Betula megrelica</i> L.	International Scientific Conference „Future Technologies and Quality of Life” 2017; Batumi, Georgia	2017
Article	Vachnadze V., Kintsurashvili L., Vachnadze N., Suladze T., Mshvildadze V., Mchedlidze K.	Some alkaloid-containing plants growing and introduced in Georgia and their biological activities	Experimental and Clinical Medicine, Tbilisi 2017, N3, 31-37	2017
Article	Gorgaslidze N.S., Churadze M.V., Mchedlidze K.Z., Aneli J.N., Lomidze E.N.	Herbarium of Tbilisi State Medical University,s I. Kutateladze Institute of Pharmacochemistry - TBPH	Experimental and Clinical Medicine, Tbilisi 2017, N2, 81-86	2017
Article	Vachnadze N.S., Mchedlidze K.Z., Novikova J.N., Suladze T. Sh., Vachnadze V.Yu.	Screening of plants grown and introduced in Georgia for alkaloid activity and biological activity of <i>Buxus colchica</i> Pojark.	Georgian Medical News. NO7-8 (256-257) 2016, p.p82-87	2016
Article	K. Mchedlidze, M. Churadze, J. Anell, E. Lomidze	<i>Ruscus colchicus</i> P.F. Yeo - Microstructural Characteristics of <i>Phyllocladum</i> (Ruscaceae)		2016
Article	M. Sichinava, K. Mchedlidze, M. Churadze, M.Alania, J. Aneli	The chemical composition and microstructural features of the roots <i>Ononis arvensis</i> L.	3rdInternacional conference on pharmaceutical sciences “Looking towards the future, honoring the hast”; Georgia, Tbilisi, 2015; pp 148-149	2015
Article	Z. Z. Apakidze, M. D. Alania, K. Z. Mchedlidze, N. M. Mushkiashvili, M. G. Moistrapishvili	Some secondary metabolites and microstructural features of <i>Astragalus bungeanus</i> Boriss. Leaves	3rdInternacional conference on pharmaceutical sciences “Looking towards the future, honoring the hast”; Georgia, Tbilisi, 2015; pp 54-55;	2015
Article	Sichinava M., Mchedliodze K., Churadze M., Alania M., Anneli Dj.	Chemical composition and microstructural properties of overground and underground vegetative organs of field restharrow (<i>Ononis arvensis</i> L.,)	Georgien medical news; #6. (231), 2014 , p. 88-94	2014
Article	K. Mchedlidze, M. Churadze, J. Aneli	Microstructural features of terrestrial vegetative and generative organs of <i>Peganum harmala</i> L. (Peganaceae)	Natural and Synthetic Biologically Active Substances, 2013, Tbilisi, pp.166-168	2013
Article	Alania M., Kavtvradze N., Anneli J., Mchedlidze K.	Pharmacognostic study of medicinal raw materials of some species of Flora of Georgia		2013
Article	M.Churadze, K. Mchedlidze	Microstruqtural characters of vegetative organs of <i>Anchuza italic</i> Retz.	Tbilisi state Medical University, V.XLVI, 2012, p.163-168	2012

Type	Authors	Publication title	Source title	Year
Article	M.Churadze, K. Mchedlidze, J.Aneli	Some biological and anatomical parameters of <i>Glaucium flavum</i> Grantz (Papaveraceae)	Tbilisi state Medical University, V.XLVI, 2012, p.157-163	2012
Article	N. Gagua, K. Mchedlidze, V. Vachnadze, A. Bakuridze	Structura peculiarities of the vegetative organs of the species of <i>Vinca</i> (V. minor L. and V. herbacea Walde et Kit)	DOI:10.5530/pj.2012.28.10. Pharmacognosy journal, 2012, vol 4, Issue 28. Pp.49-52;	2012
Article	Meskheli M., Mchedlidze K., Gogitidze Ts.	Anatomical and morphological description of <i>Pellodendron Lavalleyi</i> Dode stem bark	Georgian medical news; #5. (182), 2010, p. 32-38.	2010
Article	Bozhadze A., Mchedlidze K., Kuchukhidze J.	Microstructural study of the raw materials of <i>Christ</i>	TSMU Proceedings; T. XLIV, 2010 Pp.17-19	2010
Article	P. Iavich, L.Churadze, T. Rukhadze N. Gagua, K.Mchedlidze, K.Magradze	The point of validation of quantitative method for determination of biologically active compounds in the leaves of <i>Rhododendron caucasicum</i>	Investigation of Georgian biologically active compounds of plant and mineral origin, collected scientific works 2 (17th) Issuc.pp.54-60.	2010
Article	K. Mchedlidze, D. Shalamberidze, G.Nikoleishvili, B.Sakandelidze, T. dalalishvili	Anatomical structure of morphological parts of Mulberry (<i>Morus L.</i>) new varieties		2009
Article	M.Churadze, K.Mchedlidze, A.Bitsadze	Morphological and Anatomical Review of Species of Gen. <i>Bidens L.</i> (Compositae) the Flora of Georgia	Notulae Sistematicae ac Geographical Instituti Botanici Tbilissiensis, Fasc.46-47, 2009, pp.221-234.	2009
Article	E. Kemertelidze, M. Alania, K. Mchedlidze, A. Nakaidze;	Anatomic structure of <i>Pueraria hirsuta L.</i> leaf and petiole	(GSAU) Scientific works. v.I, N1 (42), 2008, pp.36-39;	2008
Article	Getia M., Mchedlidze K., Bakuridze A., Kuchukhidze J.	Comparative Anatomic Characteristics of Plans of species Mallow (<i>Malva L.</i>)	Tbilisi State Medical University; Collection of Scientific Works v.XLII, 2008, pp.31-34.	2008
Article	Anatomic Structure of Generative and Vegetative Bodies of a Mulberry	Anatomic Structure of Generative and Vegetative Bodies of a Mulberry	(GSAU)The Problems of Agrarian Science, Scientific works. v.XXXIV, 2006, pp.118-121.	2006
Article	K. Mchedlidze	Measuring Parameters and Features of Phenologic Phases of a Reproductive Body of a Mulberry (<i>Morus-L.</i>)	(GSAU)The Problems of Agrarian Science, Scientific works. v.XXXI, 2005, pp.56-60.	2005
Article	D. Shalamberidze, K. Mchedlidze, B.Sakandelidze	Features of an Anatomic Structure of Root System of a Mulberry (<i>Morus-L.</i>) Struck with Disease "Curly Leaf"	(GSAU)The Problems of Agrarian Science, Scientific works. v.XXXI, 2005, pp.43-47.	2005
Article	B. Sakandelidze, K. Mchedlidze, N. Gamkhoshvili, B.Beradze	Fructification and Output of Seeds of a Mulberry	(GSAU)The Problems of Agrarian Science, Scientific works. v.XXX, 2005, pp.145-149	2005
Article	K. Mchedlidze	Anatomic Structure of Roots and Rhizomes <i>Jucca Magnifica</i> (<i>Jucca gloriosa</i>)	GSAU)The Problems of Agrarian Science, Scientific works. v.XXX, 2005, pp.74-77.	2005
Article	D. Shalamberidze, B.Sakandelidze, K. Mchedlidze	Features of Leaves of a Mulberry of Different Grades	(GSAU)The Problems of Agrarian Science, Scientific works. v.XXX, 2005, pp.71-74.	2005
Article	N.Kavtaradze, M. Alania, K. Mchedlidze	Anatomical structure of root of <i>Urtica dioica L.</i>	(GSAU)The Problems of Agrarian Science, Scientific works. v.XXVIII, 2004, pp.104-106.	2004
Article	K. Mchedlidze, D. Shalamberidze, B.Sakandelidze	Anatomical frame of mulberry flower (<i>Morus-L.</i>)	(GSAU)The Problems of Agrarian Science, Scientific works. v.XXVIII, 2004, pp.44-46	2004
Article	D. Shalamberidze, K. Mchedlidze, B.Sakandelidze	Anatomical frame of the secondary root of mulberry	(GSAU)The Problems of Agrarian Science, Scientific works. v.XXVIII, 2004, pp.32-34	2004
Article	K. Mchedlidze	Anatomical structure of peduncle of mulberry variety "Gruzia";	(GSAU) The Problems of Agrarian Science, Scientific works. v.XV, 2001, pp.90-92	2001
Article	K. Mchedlidze	Embryological Research of Mulberry (<i>morus L.</i>)		1996

Participation in scientific events

Scientific event name	Title of the presentation	Event venue	Year
International Scientific Conference „Green medications – by green technologies- for healthy life”	Sustainable microstructural diagnostic traits of <i>Daphne</i> species (Thymelaeaceae) stems	Tbilisi, Georgia	2019
Fourth Scientific Conference “Natural and synthetic biologically active substances”	Microstructural Diagnostic Characteristics of vegetative Organs of <i>Tribulus terrestris L.</i> (Zygophyllaceae)	Tbilisi, Georgia	2018
International Scientific Conference „Future Technologies and Quality of Life”	Anatomical and morphological characteristics of the bark of the Georgian local endemic species <i>Betula megrelica L.</i>	Batumi, Georgia	2017

Scientific event name	Title of the presentation	Event venue	Year
International Scientific Conference „Future Technologies and Quality of Life”	Study of cytotoxic activities of alkaloids from medicinal plants growing in Georgia	Batumi, Georgia	2017
Third Scientific Conference "Natural and Synthetic Biologically Active Substances"	Ruscus colchicus P.F. Yeo - Microstructural Characteristics of Phyllocladum (Ruscaceae)	Tbilisi, Georgia	2016
3rd International conference on pharmaceutical sciences “Looking towards the future, honoring the past”	The chemical composition and microstructural features of the roots <i>Ononis arvensis</i> L.	Tbilisi, Georgia	2015
3rd International conference on pharmaceutical sciences “Looking towards the future, honoring the past”	Some secondary metabolites and microstructural features of <i>Astragalus bungeanus</i> Boriss. leaves	Tbilisi, Georgia	2015
Second Scientific Conference, Natural and synthetic biologically active substances	<i>Peganum harmala</i> L. (Peganaceae) Microstructural features of terrestrial vegetative and generative organs	Tbilisi, Georgia	2013
Problems of Maintenance and Utilization of Mulberry and Silkworm Genetic Resources	Possibilities of Selection of Starting Material for Mulberry Selection Taking Into Consideration Anatomical Structure	Vratza, Bulgaria	2006
International Workshop on Revival and Promotion of Sericultural Industries and Small Enterprise Development in the Black & Caspian Seas Region, and Central Asia	Anatomical structure of vegetative and generative bodies of mulberries	Tashkent, Uzbekistan	2005