

პროფესიული ბიოგრაფია, ეკატერინე კლდიაშვილი, ბ.დ.

სახელი: ეკატერინე კლდიაშვილი

დაბადების თარიღი: 29 სექტემბერი, 1973

განათლება: 1995, თსუ, მოლეკულური ბიოლოგია

2003, თსუ, ბიოლოგიის დოქტორი (ჰისტოლოგია, ციტოლოგია და ემბრიოლოგია)

2002, თბილისის სახელმწიფო სამედიცინო აკადემია, ონკოლოგიის კათედრა, ავთვისებიან სიმსივნეთა ციტოლოგიური დიაგნოსტიკა

2003, სახელმწიფო სერტიფიკატი ლაბორატორიულ მედიცინაში (კლინიკური ციტოლოგია)

2014, Hologic Inc, გრენინგი სითხეზე დაფუძნებული ციტოლოგიის საკითხებზე (რომი, იგალია)

სამუშაო გამოცდილება: 1993-1995 ლაბორანტი, თსუ, ბიოლოგიის ფაკულტეტი

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1997-2003 მაძიებელი, თსმუ, პათანატომიის კათედრა

2004 დღემდე, აღმასრულებელი დირექტორი, საქართველოს გელემედიცინის კავშირი (ასოციაცია)

2005-2008, ხელმძღვანელი, ელექტრონული ჯანდაცვის ჯგუფი, რეაბილიტაციის ცენტრი

2007-2013, ციტოლოგი, დედათა და ბავშვთა დაცვის კავშირი

2008-2009, ლაბორატორიის ხელმძღვანელი, სამედიცინო ცენტრი „ნეოკლინიკა“

2009-2010, ლაბორატორიის ხელმძღვანელი, დედათა და ბავშვთა დაცვის კავშირი

2010-2013, ლაბორატორიის ხელმძღვანელი, „ნეოლაბი“

2013-2014, ლაბორატორიის ხელმძღვანელი, სამედიცინო ცენტრი „გესტი დიაგნოსტიკა“

2013-2016, ასოცირებული პროფესორი, ნიუ ვიქენ უნივერსიტეტი

2015, მოლეკულური პათოლოგიის და ადრეული დიაგნოსტიკის ცენტრის ხელმძღვანელი, ნიუ ვიქენ საუნივერსიტეტო ჰოსპიტალი

2016-2018, პროფესორი, ნიუ ვიქენ უნივერსიტეტი

2017 დღემდე, სამეცნიერო გრანტებისა და პროგრამების უმრუნველყოფის, შეფასებისა და ანალიზის დეპარტამენტის უფროსი, შოთა რუსთაველის საქართველოს ეროვნული სამეცნიერო ფონდი

2018 დღემდე, პროფესორი, პეგრე შოთაძის სახელობის თბილისის სამედიცინო აკადემია

პროფესიული უნარ-ჩვევები: ELISA, PCR, მიკროსკოპია – სინათლის, ფლუორესცენციული, ელექტრონული, ციტოლოგია - ნაცხი, სითხეზე დაფუძნებული, საოფისე კომპიუტერული პროგრამები - Word, PowerPoint, Excel, Publisher, Photoshop.

უცხო ენები: ქართული - მშობლიური, ინგლისური - თავისუფლად, რუსული - თავისუფლად.

კონფერენციები: Med-e-Tel 2004 (Luxembourg); Med-e-Tel 2005 (Luxembourg); II International Seminar on

in Telemedicine (Ukraine, 2006); Med-e-Tel 2006 (Luxembourg); Telemedicine Conference South Africa (2006); Med-e-Tel 2007 (Luxembourg); Med-e-Tel 2008 (Luxembourg); Med-e-Tel 2010 (Luxembourg); 2nd Pathology Conference and Exhibition (Las Vegas, USA, 2013); The Pathology 2014 (London, UK, 2014); Pathology 2015 (London, UK); Improving techniques and technology for cellular and molecular pathology (2016, UK)

გრანტები: 2005-2007, Georgia country Co-Director, “Virtual Health Care Knowledge Center in Georgia”, ICS.EAP.NIG. 981489
2005-2006, Georgia country Co-Director, “A System to Fight HIV/AIDS, Malaria, Tuberculosis with a Help of Info-Communication Technologies”, Tender of Black Sea Economic Cooperation Board of Senior Officials
2007-2011 “Telepathology Network in Europe: EURO-TELEPATH”, COST Action IC0604
2009 “Development and implementation of program for personal and professional development of women scientists in Georgia”, Elsevier Foundation
2009 “Virtual laboratory – Scientific-public lectures for public schools”, Georgian National Science Foundation
2009-2011 “Pathology Information System – Pilot Implementation of Clinical Information System as the Continuation of Virtual Health Care Center”, NATO Networking Infrastructure Grant EAP.NIG 983690
2009-2011 “Prevalence and awareness of Human Papillomavirus (HPV) infection among Georgian women”, Georgian National Science Foundation,
2012-2013 “Building Health Bridges”, UMCOR, S-GE800-12-GR-174
2013-2016 “Morphology Online Quality Assurance Program”, Shota Rustaveli National Science Foundation, #31/05
2013-2014 "Expanding Health Bridges", UMCOR, SPRMCO13CA1118
2014-2015 "Cervical Cancer Screening Using Telemedicine Resource in Georgia", 700 for Science, #007G
2016 “Information Management System as an Effective Tool for Standardization of in vitro Diagnostics”, Twinning Application 011
2016 “AutismNet – The twinning Approach for Autism Research”, Twinning Application 004
2016 “Molecular Pathology Based Cervical Cancer Screening in Georgia”, Kelly-Landes Foundation #011G
2016 “HPV and cancer – modern aspect”, Twinning Application 002
2016 “Actual topics of cancer – immune escape, recurrence, and metastasis”, Twinning Application 003
2017 Kelly-Landes Foundation #023G, “Pilot of Pharmacogenetics Approach in Georgia”, Principal Investigator

წევრობა: National member of International Society for Telemedicine and eHealth; Active member of Tuberculosis Education and Training Network; Member of Society of Teledermatology

ორგანიზებული ღონისძიებები: “Telepathology” – Distance Lecture given by **Dr. Francisco Guillermo La Rosa**, Assistant Professor & Chair Pathology Informatics Committee, Department of Pathology,

University of Colorado at Denver, HSC, and Director TelePathology Consultants, PC at 1 June, 2004, Tbilisi, Georgia

“New Developments in Digital Pathology: from Telepathology to Virtual Pathology

Laboratory” – Lecture given by **Professor Klaus Kayser**, President of International Academy of Telepathology, Director of UICC-TPCC server (Institute of Pathology, Charite, Berlin, Germany) at 10 June, 2005, Tbilisi, Georgia

“Telemedicine Days in West Georgia” – Continuous Medical Education Cycle and Distance

Lectures given by **Dr. Francisco Guillermo La Rosa**, Assistant Professor & Chair Pathology Informatics Committee, Department of Pathology, University of Colorado at Denver, HSC, and Director TelePathology Consultants, PC and **Professor Michael Nerlich**, Full Professor of Trauma Surgery, Dean of the Medical Faculty of University of Regensburg, President of the International Society for Telemedicine and eHealth at 17-18 June, 2006, Kutaisi, Georgia

“Videoconference Batumi – Tbilisi” – Presentation of application of modern technology for healthcare purposes given by **Mr. Alexander Mgaloblishvili**, Director of “Future Technologies” at 20 October, 2006, Batumi, Adjara

უწყვეტი სამედიცინო განათლება: 2006-2008, 14 პროგრამის ხელმძღვანელი და განმმართველი

ძირითადი პუბლიკაციები

1. **Kldiashvili E.** The Potentials of Telemedicine in Georgia. Ukrainian Journal of Telemedicine and Medical Telematics, 2004, vol.2, N2.
2. Kldiashvili T., **Kldiashvili E.** The usefulness of Telepathology in Georgia. Ukrainian Journal of Telemedicine and Medical Telematics, 2004, vol.2, N2.
3. **Kldiashvili E.**, Tavzarashvili I., Kldiashvili T. The First Step in the Field of TelePathology. Experimental & Clinical Medicine, 2005, N2.
4. **Kldiashvili E.** eLearning - Realities and Perspectives. Ukrainian Journal of Telemedicine and Medical Telematics, 2005, vol.3, N2.
5. **Kldiashvili E.**, Berishvili T. Telemedicine in Georgia. International Telecommunication Union – Making Better Access to Healthcare Services. October, 2005.
6. **Kldiashvili E.** Opportunities and Challenges of eHealth – Interconnectivity for Healthcare Services. Ukrainian Journal of Telemedicine and Medical Telematics, 2006, vol.4, N1.
7. Didava G., **Kldiashvili E.** Telemedicine in Morphology Diagnostic. Ukrainian Journal of Telemedicine and Medical Telematics, 2006, vol.4, N2.
8. Kevlishvili D., **Kldiashvili E.** Organization of Continuous Medical Education through Distance Education. Ukrainian Journal of Telemedicine and Medical Telematics, 2006, vol.4, N2.
9. **Kldiashvili E.**, Berishvili T. eHealth / Telemedicine in Georgia. Advances in International Telemedicine and eHealth (2006).
10. **Kldiashvili E.**, Didava G. Distance Education in Pathology. Ukrainian Journal of Telemedicine and Medical Telematics, 2007, vol.5, N1.
11. **Kldiashvili E.**, Kevlishvili D. Distance Education in Georgia. Ukrainian Journal of Telemedicine and Medical Telematics, 2007, vol.5, N2.

12. Schrader T., **Kldiashvili E.**, Berndt M.-O. Organizational Impact and Exploitation of the One Year Experience Results of the NATO Networking Infrastructure Grant “Virtual Health Care Knowledge Center in Georgia” for Telemedicine and Medical Training. Ukrainian Journal of Telemedicine and Medical Telematics, 2007, vol.5, N3.
13. **Kldiashvili E.**, Schrader T., Berndt M.-O. The Model of Web-Based Continuing Medical Education System Created by the NATO Networking Infrastructure Grant “Virtual Health Care Knowledge Center in Georgia”. Ukrainian Journal of Telemedicine and Medical Telematics, 2007, vol.5, N3.
14. **E. Kldiashvili.** The Application of Virtual Hospital Approach for Bio-Defense and Infections Control Purposes. Telemedicine and e-Health, January/February 2008.
15. **E. Kldiashvili.** Telemedicine for Pathology. Current Principles and Practices of Telemedicine and e-Health. IOS Press, 2008.
16. T. Schrader, **E. Kldiashvili.** Virtual Health Care Center in Georgia. Diagnostic Pathology, 2008; 3 (Suppl 1): S4. Published online 2008 July 15. DOI: 10.1186/1746-1596-3-S1-S4. <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=2500110>
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20. **E. Kldiashvili,** T. Schrader. Implementation of Telepathology in the Republic of Georgia. Telemedicine and eHealth, May 2009, vol.15, No4, pp.325-329. DOI: 10.1089/tmj.2008.0146.
21. **E. Kldiashvili,** K.R. Shroyer, M. Butsashvili, G. Kamkamidze, M. Kajaia, M. Topuridze. Implementation of Pap Test in the Republic of Georgia for Cervical Screening. Ukrainian Journal of Telemedicine and Medical Telematics, 2009, vol.7, N2.
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28. **E. Kldiashvili.** The cloud computing as the tool for implementation of virtual organization technology for eHealth. Journal of Information Technology Research, 5(1), 18-34, January-March 2012.
29. **E. Kldiashvili.** Implementation of Telecytology in Georgia. Telehealth Networks for Hospital Services: New Methodologies. IGI Global, 2013.

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31. M. Butsashvili, T. Abzianidze, M. Kajaia, D. Agladze, **E. Kldiashvili**, R. Bednarczyk, L.A. McNutt, G. Kamkamidze. Seroprevalence and awareness of human papillomavirus infection and cervical cancer screening results among reproductive-aged Georgian women. *J Fam Plann Reprod Health Care*. DOI:10.1136/jfprhc-2013-100833
32. **E. Kldiashvili.** Application of the Cloud Computing for the Effective Implementation of the Medical Information System. *International Journal of Natural Computing Research*. Vol 4, issue 3, July 2014: DOI 10.4018/ijncr.2014070103.
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35. **E. Kldiashvili**, A. Burduli, G. Ghortlishvili, I. Sheklashvili. Georgian experience in telecytology. *Encyclopedia of E-Health and Telemedicine*, pp.62-71, DOI: 10.4018/978-1-4666-9978-6.ch006
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39. S. Bojgua, **E. Kldiashvili**. Liquid based cytology cervical cancer screening program – Georgian experience. *Archives of Cancer Research*, 2016, vol 4, No 3:89.
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41. **E. Kldiashvili**, N. Shakulashvili. Digital cytology as the tool for organization of cytology online quality assurance programs. *IJRQEH*, 2017, vol. 7, issue 1
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45. **E. Kldiashvili**, L. Bokuchava, S. Bojgua, D. Agladze. Key aspects on cancer immunology. *MOJ Cell Science and Report*, 2018, vol 5, issue 2, 23-29.
46. **E. Kldiashvili.** FOXP3 gene and cancer. *Cancer Science and Cell Biology*, 1:002(2018).
47. **E. Kldiashvili**, N. Shakulashvili, A. Burduli, G. Ghortlishvili, I. Sheklashvili, D. Agladze. Georgia: Telemedicine/eHealth Projects and Achievements. A century of telemedicine: Curatio sine distantia et tempora. A world wide overview - Part II (2018), pp. 64-91.