

Curriculum vitae

DAIVA DABKEVIČIENĖ

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Date of birth: 22-04-1979

Higher Education			
University	Year of graduation	Qualification obtained	
Vilnius University	2003	Biologist	
Postgraduate studies			
University	Title of thesis	Date	Degree obtained
Vilnius University	Investigation and evaluation of combined effect of photosensitisation and antitumour drugs on A-431 cells <i>in vitro</i>	2005	Master (Biophysics)
Vilnius University	Expression of cytokines VEGFA and IL-1 α stimulated by cytotoxic treatment <i>in vitro</i> and <i>in vivo</i>	2010	Doctor (physical sciences, biochemistry)
Work experience			
Year (from/to)	Workplace	Position	
2002-2005	Department of Biochemistry and Biophysics, Vilnius university	Laboratory assistant	
2006-2012	Department of Biochemistry and Biophysics, Vilnius university	Junior researcher	
2011-2012	National cancer institute, Vilnius	Researcher, leader of the project	
2011-2012	Department of Biochemistry and Biophysics, Vilnius university	Junior Researcher, lector	
2012-2014	Department of Biochemistry and Biophysics, from October of 2012 Department of Biochemistry and Molecular biology, Vilnius university	Lector	
2014-2019	Department of Biochemistry and Molecular biology, Vilnius university	Associated professor	
From 2012	Department of Biochemistry and Molecular biology, Vilnius university	Researcher	
2018-2021	State Medicines Control Agency of Lithuania	accredited by the European Medicines Agency expert for clinical data analysis	
2019-2020	National Cancer Institute	Senior Researcher	
From 2021	EMBL Partnership Institute, Life Sciences Center, Vilnius University	Senior Researcher	
From 2021	National Cancer Institute	Chief researcher	
Scientific and teaching activities			
Scientific interests		Teaching activity (courses offered)	

<p>Personalized medicine, Biomarker research, Biobanking. Experimental design and Biostatistics. Mathematical modelling of biological processes</p>	<p>Lectures on Biostatistics and Biostatistics exercises (Biochemistry, molecular biology undergraduates programs) 2011-2019; Lectures on General Biology (Biochemistry, Bioinformatics undergraduates programs) 2015-2019; Applicable Cell and Molecular biology Lab Practical, Molecular biology master's program; from 2019; Lectures on biochemical processes modeling (Biochemistry master's program, Vytautas Magnus University) (2019-2022) Coordination of Biostatistics and General biology studies (2011-2019) Member of Molecular biology program committee (2015-2019) Supervising of student research practice projects (Research Council of Lithuania): SMT15P-070, 09.3.3-LMT-K-712-03-0018/LSS-14900-1622, 09.3.3.-LMT-K-712-15-0227, 09.3.3-LMT-K-712-22-0300</p>
Visiting positions, qualification improvement	
Place (country)	Year
Training course „Experimental design and statistical methods in biomedical experimentation“ in international school of Biostatistics (University of Kuopio, Kuopio, Finland)	2006
Statistical Analysis of Scientific Data, Vilnius university (Vilnius University, Vilnius, Lithuania)	2008
Workshop on flow cytometry (BD Biosciences, Stockholm, Sweden)	2009
Training course on flow cytometry, Institute for Cancer Research (Norwegian Radium Hospital, Oslo, Norway)	2010
Training course on Confocal Microscopy (University of Warsaw, Poland)	2011
Workshop on Confocal Microscopy “Advanced techniques for modern biology” (Warsaw, Poland)	2013
Biochemical Society on line workshop on data analysis “R for Biochemists”	2018
Training courses on active teaching methods, leadership development, teamwork, project management and funding sources “Catch the Wind of Entrepreneurship”, Vilnius University Business School, Vilnius, Lithuania	2018
Workshop on Model-informed Drug Development: Incorporating Population Variability into Mechanistic Prediction of PK and Modeling PK/PD, Belgian Federal Agency for Medicines and Health Products, Brussels, Belgium	2019
“Biobank Information Management Solutions & Federated Search & Data Analysis Platforms“. Virtual International IT Symposium, BBMRI-ERIC and ESBB	2021
“Hospital-based biobanks for biomedical research“. Virtual workshop, BBMRI	2021
“Studyathon: PIONEER for prostate cancer“. Virtual studyathon, PIONEER	2021
Main publications	
<ol style="list-style-type: none"> Lachej N, Dabkeviciene D, Simiene J, Sabaliauskaite R, Jonusiene V, Brasiunas V, Sasnauskiene A, Vaicekauskaite I, Brasiuniene B, Kanopiene D, Suziedelis K, Didziapetriene J. Components of NOTCH Signaling for Uterine Cancer Patients' Prognosis. <i>J Oncol.</i> 2022 Jan 30;2022:8199306. doi: 10.1155/2022/8199306. IF 4.375 Dabkeviciene D, Vincerzevskiene I, Urbonas V, Venius J, Dulskas A, Brasiuniene B, Janulionis E, Burneckis A, Zileviciene A, Tiskevicius S, Vanseviciute-Petkeviciene R, Usinskiene J, Briediene R, Bulotiene G, Stratilatovas E, Ostapenko V, Gibaviciene J, Karnas I, Kekstaite S, Navickiene J, Ulys A, Zalimas A, Sruogis A, Kardelis Z, Zaremba S, Askinis R, Cicenias S, Tikuisis R, Ciurliene R, Jarmalaite S. The Impact of the COVID-19 Pandemic on Cancer Patient's Management-Lithuanian Cancer Center Experience. <i>Healthcare (Basel).</i> 2021 Nov 9;9(11):1522. doi: 10.3390/healthcare9111522. IF 2.645 Kišonas J, Venius J, Grybauskas M, Dabkevičienė D, Burneckis A, Rotomskis R. Acute Radiation Dermatitis Evaluation with Reflectance Confocal Microscopy: A Prospective Study. <i>Diagnostics (Basel).</i> 2021 Sep 13;11(9):1670. doi: 10.3390/diagnostics11091670. IF 3.70 Bosas P, Zaleskis G, Dabkevičienė D, Dobrovolskiene N, Mlyniska A, Tikuišis R, Ulys A, Pašukoniene V, Jarmalaitė S, Jankevičius F. Immunophenotype Rearrangement in Response to Tumor Excision May Be Related to the Risk of Biochemical Recurrence in Prostate Cancer Patients. <i>J Clin Med.</i> 2021 Aug 20;10(16):3709. doi: 10.3390/jcm10163709 IF 4.241 Daugelaviciene N, Grigaitis P, Gasiule L, Dabkeviciene D, Neniskyte U, Sasnauskiene A. Lysosome-targeted photodynamic treatment induces primary keratinocyte differentiation. <i>J Photochem Photobiol B.</i> 2021 Mar 29;218:112183. doi: 10.1016/j.jphotobiol.2021.112183. IF 6.252 Vezelis A, Simiene J, Dabkeviciene D, Kincius M, Ulys A, Suziedelis K, Jarmalaite S, Jankevicius F. LMTK2 as Potential Biomarker for Stratification between Clinically Insignificant and Clinically Significant Prostate Cancer. <i>J Oncol.</i> 2021 Jan 5;2021:8820366. doi: 10.1155/2021/8820366. IF 4.375 Didziapetriene J, Kazbariene B, Tikuišis R, Dulskas A, Dabkevičienė D, Lukosevičienė V, Kontrimavičiūtė E, Suziedėlis K, Ostapenko V. Oxidant/Antioxidant Status of Breast Cancer Patients in Pre- and Post-Operative Periods. <i>Medicina (Kaunas).</i> 2020; 11;56(2):70. IF 2.430 Stumbrytė-Kaminskienė A, Gudlevičienė Ž, Dabkevičienė D, Mackevičienė I. Combined Effect of HPV and Several Gene SNPs in Laryngeal Cancer. <i>Medicina (Kaunas).</i> 2020; 17;56(2):81. IF 0.508. Kananavičiūtė R, Kvederavičiūtė K, Dabkevičienė D, Mackevičius G, Kuisienė N. Collagen-like sequences encoded by extremophilic and extremotolerant bacteria. <i>Genomics.</i> 2019; S0888-7543(19)30223-X. doi: 10.1016/j.ygeno.2019.12.023. IF 5.736 Bukelskis D, Dabkeviciene D, Lukoseviciute L, Bucelis A, Kriaučiūnas I, Lebedeva J, Kuisiene N. Screening and Transcriptional Analysis of Polyketide Synthases and Non-ribosomal Peptide Synthetases in Bacterial Strains From Krubera-Voronja Cave. <i>Front Microbiol.</i> 2019;10:2149. IF 5.640 Grigaitis P, Jonusiene V, Zitkute V, Dapkunas J, Dabkeviciene D, Sasnauskiene A. Exogenous interleukin-1α signaling negatively impacts acquired chemoresistance and alters cell adhesion molecule expression pattern in colorectal carcinoma cells HCT116; Cytokine 2018;114:38-46. IF 3.861 Kukcinaviciute E, Jonusiene V, Sasnauskiene A, Dabkeviciene D, Eidenaitė E, Laurinavicius A. Significance of Notch and Wnt signaling for chemoresistance of colorectal cancer cells HCT116; <i>Journal of Cellular Biochemistry</i> 2018;119(7):5913-5920. IF 4.429 	

13. Kukcinaviciute E, Sasnauskiene A, Dabkeviciene D, Kirvelienu V, Jonusienu V. Effect of mTHPC-mediated photodynamic therapy on 5-fluorouracil resistant human colorectal cancer cells. *Photochem Photobiol Sci.* 2017;16(7):1063-1070. IF 2.902
14. Dabkeviciene D, Jonusienu V, Zitkute V, Zalyte E, Grigaitis P, Kirvelienu V, Sasnauskiene A. The role of interleukin-8 (CXCL8) and CXCR2 in acquired chemoresistance of human colorectal carcinoma cells HCT116. *Med Oncol.* 2015; 32(12): 258. IF 2.486
15. Dabkeviciene D, Sasnauskiene A, Leman E, Kvietkauskaite R, Kirvelienu V. Differential expression of VEGF and IL-1alpha after photodynamic treatment in combination with doxorubicin or taxotere. *Anticancer Res.* 2014; 34 (10): 5295-302. IF 1.82
16. Sasnauskienė A, Jonušienė V, Krikštaponienė A, Butkytė S, Dabkevičienė D, Kanopienė D, Kazbarienė B, Didziapetrienė J. NOTCH1, NOTCH3, NOTCH4, and JAG2 protein levels in human endometrial cancer. *Medicina (Kaunas).* 2014;50(1):14-8. IF 0.494
17. Jonusienu V, Sasnauskienu A, Lachej N, Kanopienu D, Dabkevicienu D, Sasnauskienu S, Kazbarienu B, Didziapetrienu J. Down-regulated expression of Notch signaling molecules in human endometrial cancer. *Med Oncol.* 2013 Mar;30(1):438. IF 2.058
18. Dabkeviciene D, Sasnauskiene A, Leman E, Kvietkauskaite R, Daugelaviciene N, Stankevicius V, Jurgelevicius V, Juodka B, Kirvelienu V. mTHPC-mediated photodynamic treatment up-regulates the cytokines VEGF and IL-1alpha. *Photochem Photobiol.* 2012 Mar-Apr;88(2):432-9. IF 2.287
19. Dabkeviciene D, Stankevicius V, Grazeliene G, Markuckas A, Didziapetriene J, Kirvelienu V. mTHPC-mediated photodynamic treatment of Lewis lung carcinoma in vitro and in vivo. *Medicina (Kaunas).* 2010;46(5):345-50. IF 0.446
20. Kirvelienu V, Grazelienu G, Dabkevicienu D, Micke I, Kirvelis D, Juodka B, Didziapetrienu J. Schedule-dependent interaction between Doxorubicin and mTHPC-mediated photodynamic therapy in murine hepatoma in vitro and in vivo. *Cancer Chemother Pharmacol.* 2006 Jan;57(1):65-72. IF 2.363

Most important conferences and presentations

“Pitch your innovative ideas!”. co-chairing in European Biobanking Week 2021, BBMRI PIONEER General Assembly, 2021, virtual meeting.

N. Daugelaviciene, A.Sasnauskiene, U.Neniskyte; D. Dabkeviciene. Visualization of keratin 10 positive cell subgroups in primary keratinocytes. 2021, EMBL, VIZBI.

Most important scientific projects

"Radiogenomic patterns of BRCA1/2 breast cancer" joint with Japan project, Ministry of Health of The Republic of Lithuania, 2021-2024, implementer.

European Network of Excellence for Big Data in Prostate Cancer “PIONEER”, H2020 and EFPIA. The member of molecular data research group.

Human Biological Resources Center", No. 01.1.1-CPVA-V-701-16-0001, European Regional Development Fund, 2019-2023, delegated by NCI for task force leading the project.

"Development of Cancer Diagnostic Systems" No. J05-LVPA-K-04-0029, LVPA Intelligence. Joint science-business projects, 2019-2021, implementer.

Carcinoma cells resistance to chemotherapy in vitro: autophagy, cytokines and oxidative stress, Research Council of Lithuania, 2014-2016, primary implementer.

The expression of Notch signaling pathway genes in endometrial cancer and the prognostic value, Research Council of Lithuania, 2011-2013, The project leader in 2011-2012.