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| **Европейски формат на автобиография** |

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| **Лична информация** |

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| Име |  | **Дарина Людмилова Качакова-Йорданова** |
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| E-mail |  | **darina.kachakova@gmail.com****, darina\_kachakova@mmcbg.org** |

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| Националност |  | Българска |

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| Дата на раждане |  | 17.12.1984 |

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| **Трудов стаж** |

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| **•** Дати (от-до) |  | **Март 2013 до момента**  |
| **•** Име и адрес на работодателя |  | Лаборатория по геномна диагностика, Център по молекулна медицина, катедра Медицинска химия и биохимия, Медицински факултет, Медицински университет - София |
| **•** Вид на дейността или сферата на работа |  | Генетични анализи |
| **•** Заемана длъжност |  | **Биолог-генетик** |
| **•** Основни дейности и отговорности |  | Планиране и провеждане на научно-изследователски и експерименти и анализи, интерпретация на получени генетични резултати. Усъвършенстване или разработване на лабораторни методи. Кандидатстване в конкурси за финансиране на научно-изследователски проекти. Провеждане на анализи за определяне на генетичната причина за възникване на редица заболявания. |
| • Дати (от-до) |  | **Март 2010 до Март 2013** |
| • Име и адрес на работодателя |  | Лаборатория по геномна диагностика, Център по молекулна медицина, катедра Медицинска химия и биохимия, Медицински факултет, Медицински университет - София |
| • Вид на дейността или сферата на работа |  | Генетични анализи |
| • Заемана длъжност |  | **Докторант** зачислен със Заповед №Р.185/15.03.2010 |
| • Основни дейности и отговорности |  | Провеждане на генетични, епигенетични, експресионни анализи при рака на простатата . |

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| • Дати (от-до) |  | **Юни 2009- до март 2010** |
| • Име и адрес на работодателя |  | Лаборатория по геномна диагностика, Център по молекулна медицина, катедра Медицинска химия и биохимия, Медицински факултет, Медицински университет - София |
| • Вид на дейността или сферата на работа |  |  |
| • Заемана длъжност |  | **Биолог-лаборант** |
| • Основни дейности и отговорности |  | Изолиране на високомолекулна ДНК и РНК. Участие в генетични анализи |

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| • Дати (от-до) |  | **Март 2009- до май 2009** |
| • Име и адрес на работодателя |  | Национална генетична лаборатория, София |
| • Вид на дейността или сферата на работа |  |  |
| • Заемана длъжност |  | **медицински-лаборант** |
| • Основни дейности и отговорности |  | Изолиране на високомолекулна ДНК от венозна кръв, амниотична течност, хорионни въси, абортивен материал.  |

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| **Образование и обучение** |

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| • Дати (от-до) |  | 2003 г-2007г. | ] |
| • Име и вид на обучаващата или образователната организация |  | Софийски университет „Св. Климент Охридски” |  |
| • Основни предмети/застъпени професионални умения |  | Специалност Молекулярна биология |  |
| • Наименование на придобитата квалификация |  | Бакалавър |  |
|  |  |  |  |
| • Дати (от-до) |  | 2007 г-2009г. |
| • Име и вид на обучаващата или образователната организация |  | Софийски университет „Св. Климент Охридски” |
| • Основни предмети/застъпени професионални умения |  | Специалност Генетика |
| • Наименование на придобитата квалификация |  | Магистър |
| • Дати (от-до) |  | 15.03.2010 до 2013г. |
| • Име и вид на обучаващата или образователната организация |  | Медицински Университет – София, катедра Медицинска химия и биохимия |
| • Основни предмети/застъпени професионални умения |  | Научна специалност Молекулярна генетика |
| • Наименование на придобитата квалификация |  | Доктор на науките, придобита на 01.06.2015, дисертация „Молекулно профилиране при рака на простатата“ |

**Обучения:**

2008г.- Курс по Биоетика, Перуджа, Италия

Camara D., Dimitrova Ir., Doynova M., Jachacz L., Kachakova D., Kepka M., Ould Isselmou CB., Vorniere JP., Yungarva Tsv. Transgenic and cloned animals: Ethical Problems? pdfs.semanticscholar.org

11.09.2008 - Курс на обучение за работа със система за лазерна микродисекция PALM MicroBeam LMD, Carl Zeizz, Германия, ръководен от представител на фирмата Carl Zeizz д-р Волф-Дитер Шулц, Германия, проведен в Център по молекулна медицина, катедра „Медицинска химия и биохимия”, Медицински Университет – София

1 - 5.11. 2010- Курс “Biomek Continuum - Basic Training” за оператори на автоматизирана роботизирана система Biomek, Нион, Швейцария, организиран от Фирмата производител, Beckman, Медицински Университет – София, катедра „Медицинска химия и биохимия”,

7 - 9.03.2011 - Специализиран курс за обучени по молекулна патология на рака: 1st EACR-OECI Joint Training Course “Molecular pathology Approach to cancer”, Амстердам

4-7.07.2011 - Специализирано обучение за работа със система за лазерна микродисекция PALM MicroBeam LMD, Carl Zeizz, Германия и приложението й при анализ на тумори, клетки и цитогенетични препарати, проведено от представител на фирмата Carl Zeizz д-р Кърстийн Хаден-Ман, Център по молекулна медицина

25-27.10.2011 - Биоинформатичен курс за работа с публичната база данни ENSEMBL и публични данни за: Анализ на нуклеотидни последоватености - Nucleotide Sequence databases; Транскриптомика и атлас на генната експресия - ArrayExpress & Gene Expression Atlas; Мас спектрометрия и протеомика - Mass Spectrometry based Proteomics, PRIDE и програми като BioMart за анализ на бази данни и извличане на информация („data mining”).

Организатори: Центъра по молекулна медицина, и Геномния център на СУ „Св. Климент Охридски”, съвместно с Европейския биоинформатичен институт EMBL (European Bioinformatics Institute). Гостуващи лектори от EMBL бяха Яна Вандровкова, Джеймс Уотсън, Емма Хестингс и Хуан Визкеино.

28-30.04.2014- Обучение за работа с микроРНК микрочипове и със специализиран софтуер GeneSpring за анализ на данни от микрочипове, организирано от Agilent Technologies, Inc, д-р Андреас Полтън, Валдброн, Германия

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| **Лични умения и компетенции***Придобити в жизнения път или в професията, но не непременно удостоверени с официален документ или диплома.* |

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| Майчин език |  | **Български** |

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| Други езици |

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|  |  | **Английски език** |
| **•** Четене |  | Отлично |
| **•** Писане |  | Добро |
| **•** Разговор |  | Добро |

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| умения и компетенции*Съвместно съжителство с други хора в интеркултурно обкръжение, в ситуации, в които комуникацията и екипната работа са от съществено значение (например в културата и спорта) и др.* |  | Изолиране на ДНК и РНК от различни биологични материали, анализ на ДНК/РНК на агарозен гел, PCR технологии, Real time PCR, RFLP, SSCP, Фрагментен анализ, Директно секвениране, Новогенерационно секвениране, анализ и интерпретация на резултати от новогенерационно секвениране, Генна експресия, Микрочипов анализ, Работа с автоматизирана роботизирана система Biomek, Работа с със система за лазерна микродисекция PALM MicroBeam LMD, Асоциативни проучвания и статистика, Работа с бази дании |

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| Свидетелство за управление на МПС |  | Свидетелство за управление на МПС категория В и М |

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| **Допълнителна информация** |  | Препоръки ще бъдат предоставени при поискване.Лица и/или организации, които могат да дадат професионална препоръка или отзив:1. Проф. Алексей Савов, катедра „Акушерство и гинекология”, Медицински факултет, МУ2. Проф. д-р Радка Кънева, катедра „Биохимия и химия”, Медицински факултет, МУ |

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| **Приложения** |  | Списък на научните публикацииКопие от трудовата книжкаМедицинско свидетелствоСвидетелство за съдимостНотариално заверена диплома за магистър |

Приложение 1

Списък на научните публикации на Дарина Качакова

1. Eeles RA, Kote-JaraiZ, Olama AA, .KanevaR, Slavov C, Mitkova A, Kachakova D…, The UK Genetic Prostate Cancer Study Collaborators/British Association of Urological Surgeons’ Section of Oncology, The UK ProtecT Study Collaborators, The PRACTICAL Consortium, EastonDF, Identification of seven novel prostate cancer susceptibility loci through a genome-wide association stud*y*, Nature Genetics 2009, Oct;41(10):1116-21., october 2009; IF 2009 (34.284)

2. Kote-Jarai, Sofía, Ali Amin Al Olama, Graham G. Danielle M. Karyadi... Mitev...The **PRACTICAL** Consortium… (Kachakova D)…., Douglas F Easton, Rosalind A Eeles. The Seven prostate cancer susceptibility loci identified by a multi-stage genome-wide association study. Nat Genet. 2011 Jul 10. doi: 10.1038/ng.882. PubMed PMID: 21743467; ИФ 2011 (22.84)

3. Amin Al Olama A, Kote-Jarai Z, Schumacher FR, Wiklund F, Berndt SI, Benlloch S, Giles GG, ………Cybulski C, Lubinski J, Thibodeau SN, Schaid DJ, Sorensen KD, Batra J, Clements JA, Chambers S, Aitken J, Gardiner RA, Maier C, Vogel W, Dörk T, Brenner H, Habuchi T, Ingles S, John EM, Dickinson JL, Cannon-Albright L, Teixeira MR, Kaneva R, Zhang HW, Lu YJ, Park JY, Cooney KA, Muir KR, Leongamornlert DA, Saunders E, Tymrakiewicz M, Mahmud N, Guy M, Govindasami K, O'Brien LT, ……… Lose F, McDonnell SK, Joshi AD, Shahabi A, Pinto P, Santos J, Ray A, Sellers TA, Lin HY, Stephenson RA, Teerlink C, Muller H, Rothenbacher D, Tsuchiya N, Narita S, Cao GW, Slavov C, Mitev V; The UK Genetic Prostate Cancer Study Collaborators/British Association of Urological Surgeons' Section of Oncology; The UK ProtecT Study Collaborators; The Australian Prostate Cancer Bioresource; The **PRACTICAL** Consortium (…, Kachakova D, Mitkova A, Goranova T, Stancheva G,….), Chanock S, Gronberg H, Haiman CA, Kraft P, Easton DF, Eeles RA. [A meta-analysis of genome-wide association studies to identify prostate cancer susceptibility loci associated with aggressive and non-aggressive disease.](http://www.ncbi.nlm.nih.gov/pubmed/23065704) Hum Mol Genet. 2013 Jan 15;22(2):408-15; PMID: IF 2013 (6.677)

4. Giles GG, Severi G, Wiklund F, Gronberg H, Haiman CA, Schumacher F, Henderson BE, Le Marchand L, Lindstrom S, Kraft P, Hunter DJ, Gapstur S, Chanock S, Berndt SI, Albanes D, Andriole G, Schleutker J, Weischer M, Canzian F, Riboli E, Key TJ, Travis RC, Campa D, Ingles SA, John EM, Hayes RB, Pharoah P, Khaw KT, Stanford JL, Ostrander EA, Signorello LB, Thibodeau SN, Schaid D, Maier C, Vogel W, Kibel AS, Cybulski C, Lubinski J, Cannon-Albright L, Brenner H, Park JY, Kaneva R, Batra J, Spurdle A, Clements JA, Teixeira MR, Govindasami K, Guy M, Wilkinson RA, Sawyer EJ, Morgan A, Dicks E, Baynes C, Conroy D, Bojesen SE, Kaaks R, Vincent D, Bacot F, Tessier DC; COGS-CRUK GWAS-ELLIPSE (Part of GAME-ON) Initiative; UK Genetic Prostate Cancer Study Collaborators/British Association of Urological Surgeons' Section of Oncology; UK ProtecT Study Collaborators; **PRACTICAL** Consortium, Easton DF, Eeles RA. (2013) Fine-mapping identifies multiple prostate cancer risk loci at 5p15, one of which associates with TERT expression. Hum Mol Genet. 2013 Jun 15;22(12):2520-8. IF 2013 (6.677)

**5. Kachakova** D, Mitkova A, Popov E, Beltcheva O, Vlahova A, Dikov T, Hristova S, Mitev V, Slavov C, **Kaneva R**. [Evaluation of the clinical value of the newly identified urine biomarker HIST1H4K for diagnosis and prognosis of prostate cancer in Bulgarian patients](http://www.ncbi.nlm.nih.gov/pubmed/24065480). J BUON. 2013 Jul-Sep;18(3):660-8. IF 2013 (0.706)

6. Popov TM, Stancheva I, **Kachakova** DL, Rangachev J, Konov D, Varbanova S, Mitev VI, **Kaneva RP**, Popova DP. [Auditory Outcome After Cochlear Implantation in Patients With Congenital Nonsyndromic Hearing Loss: Influence of the GJB2 Status.](http://www.ncbi.nlm.nih.gov/pubmed/24691507) [Otol Neurotol.](http://www.ncbi.nlm.nih.gov/pubmed/24691507) 2014 Sep;35(8):1361-5, IF 2014 (1.598)

7. **Д. Качакова**, А. Миткова, Радка Кънева, Ваньо Митев. Ракът на простатата- генетично, геномно и епигенетично заболяване. Биоамаркери. Studia Oncologica,Октомври 2014, година VI, брой 3

8. Marinova, D., Slavova, Y., **Kachakova, D**., Stancheva, G., Mitkova, A., Kaneva, R., ... & Mitev, V. (2014). Gene expression of EGFR, MINA53, MEN1 and MTOR in NSCLCs. European Respiratory Journal, 44(Suppl 58), P2709.

**9. Kachakova** D, Mitkova A, Popov E, Popov I, Vlahova A, Dikov T, Christova S, Mitev V, Slavov C, Kaneva R. Combinations of Serum Prostate-Specific Antigen and Plasma Expression Levels of let-7c, miR-30c, miR-141, and miR-375 as Potential Better Diagnostic Biomarkers for Prostate Cancer. DNA Cell Biol. 2015 Mar;34(3):189-200, IF 2015 (2.574)

10. Kote-Jarai Z, Saunders EJ, Leongamornlert DA, Tymrakiewicz M, Dadaev T, Jugurnauth-Little S, Ross-Adams H, Al Olama AA, Benlloch S, Halim S, Russell R, Dunning AM, Luccarini C, Dennis J, Neal DE, Hamdy FC, Donovan JL, Muir K, Giles GG, Severi G, Wiklund F, Gronberg H, Haiman CA, Schumacher F, Henderson BE, Le Marchand L, Lindstrom S, Kraft P, Hunter DJ, Gapstur S, Chanock S, Berndt SI, Albanes D, Andriole G, Schleutker J, Weischer M, Canzian F, Riboli E, Key TJ, Travis RC, Campa D, Ingles SA, John EM, Hayes RB, Pharoah P, Khaw KT, Stanford JL, Ostrander EA, Signorello LB, Thibodeau SN, Schaid D, Maier C, Vogel W, Kibel AS, Cybulski C, Lubinski J, Cannon-Albright L, Brenner H, Park JY, Kaneva R, Batra J, Spurdle A, Clements JA, Teixeira MR, Govindasami K, Guy M, Wilkinson RA, Sawyer EJ, Morgan A, Dicks E, Baynes C, Conroy D, Bojesen SE, Kaaks R, Vincent D, Bacot F, Tessier DC; COGS-CRUK GWAS-ELLIPSE (Part of GAME-ON) Initiative; UK Genetic Prostate Cancer Study Collaborators/British Association of Urological Surgeons' Section of Oncology; UK ProtecT Study Collaborators; **PRACTICAL** Consortium, Easton DF, Eeles RA. (2013) Fine-mapping identifies multiple prostate cancer risk loci at 5p15, one of which associates with TERT expression. Hum Mol Genet. 2013 Jun 15;22(12):2520-8. IF 2013 (6.677)

11. Eeles RA, Olama AA, Benlloch S, Saunders EJ, Leongamornlert DA, Tymrakiewicz M, Ghoussaini M, Luccarini C, Dennis J, Jugurnauth-Little S, Dadaev T, Neal DE,Hamdy FC, Donovan JL, Muir K, Giles GG, Severi G, Wiklund F, Gronberg H, HaimanCA, Schumacher F, Henderson BE, Le Marchand L, Lindstrom S, Kraft P, Hunter DJ,Gapstur S, Chanock SJ, Berndt SI, Albanes D, Andriole G, Schleutker J, WeischerM, Canzian F, Riboli E, Key TJ, Travis RC, Campa D, Ingles SA, John EM, Hayes RB,Pharoah PD, Pashayan N, Khaw KT, Stanford JL, Ostrander EA, Signorello LB,Thibodeau SN, Schaid D, Maier C, Vogel W, Kibel AS, Cybulski C, Lubinski J,Cannon-Albright L, Brenner H, Park JY, Kaneva R, Batra J, Spurdle AB, ClementsJA, Teixeira MR, Dicks E, Lee A, Dunning AM, Baynes C, Conroy D, Maranian MJ,Ahmed S, Govindasami K, Guy M, Wilkinson RA, Sawyer EJ, Morgan A, Dearnaley DP,Horwich A, Huddart RA, Khoo VS, Parker CC, Van As NJ, Woodhouse CJ, Thompson A,Dudderidge T, Ogden C, Cooper CS, Lophatananon A, Cox A, Southey MC, Hopper JL,English DR, Aly M, Adolfsson J, Xu J, Zheng SL, Yeager M, Kaaks R, Diver WR,Gaudet MM, Stern MC, Corral R, Joshi AD, Shahabi A, Wahlfors T, Tammela TL,Auvinen A, Virtamo J, Klarskov P, Nordestgaard BG, Røder MA, Nielsen SF, Bojesen SE, Siddiq A, Fitzgerald LM, Kolb S, Kwon EM, Karyadi DM, Blot WJ, Zheng W, CaiQ, McDonnell SK, Rinckleb AE, Drake B, Colditz G, Wokolorczyk D, Stephenson RA,Teerlink C, Muller H, Rothenbacher D, Sellers TA, Lin HY, Slavov C, Mitev V, LoseF, Srinivasan S, Maia S, Paulo P, Lange E, Cooney KA, Antoniou AC, Vincent D,Bacot F, Tessier DC; COGS–Cancer Research UK GWAS–ELLIPSE (part of GAME-ON)Initiative; Australian Prostate Cancer Bioresource; UK Genetic Prostate CancerStudy Collaborators/British Association of Urological Surgeons' Section ofOncology; UK ProtecT (Prostate testing for cancer and Treatment) StudyCollaborators; **PRACTICAL** (Prostate Cancer Association Group to InvestigateCancer-Associated Alterations in the Genome) Consortium, Kote-Jarai Z, Easton DF.Identification of 23 new prostate cancer susceptibility loci using the iCOGScustom genotyping array. Nat Genet. 2013 Apr;45(4):385-91, 391e1-2. doi:10.1038/ng.2560. PubMed PMID: 23535732; PubMed Central PMCID: PMC3832790. IF 2013 (29.648)

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