C U R R I C U L U M V I T A E

Izv. prof. dr. sc. V E S N A B O R A S K A P E R I C A

POSAO:
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JEZICI:
Hrvatski (materinji)
Engleski (tečno)
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Talijanski (osnovno/dobro)

OBRAZOVANJE:

2002. – 2008.	Prirodoslovno-matematički fakultet Sveučilišta u Zagrebu, Doktorski studij prirodnih znanosti – smjer "Stanična i molekularna biologija
1996.-2001.	Dipl. ing. biologije-ekologije, Prirodoslovno-matematički fakultet, Sveučilište u Zagrebu
1992.-1996.	Prirodoslovno-matematička gimnazija u Splitu

KVALIFIKACIJSKI RAD:

2008.	Doktorska disertacija: "*Nasljeđivanje polimorfnih biljega gena za receptor vitamina D, čimbenik tumorske nekroze i limfotoksin alfa u obiteljima oboljelih od šećerne bolesti tipa 1*" pod mentorstvom prof. dr. sc. Tatijane Zemunik, Prirodoslovno-matematički fakultet, Sveučilište u Zagrebu
2001.	Diplomski rad "*Puževi i školjkaši u naseljima algi roda Cystoseira oko splitskog poluotoka*" pod mentorstvom prof. dr. sc. Antoniete Požar-Domac, Prirodoslovno-matematički fakultet, Sveučilište u Zagrebu

ZVANJE:

2015.	Znanstveno-nastavno zvanje **izvanredni profesor** pri Katedri za Medicinsku biologiju Medicinskog fakulteta Sveučilišta u Splitu

RADNO ISKUSTVO:

2013.	Dvotjedno učenje metoda analize egzomske sekvence u grupi dr. Eleftherie Zeggini, Human Genetics Department, Wellcome Trust Sanger Institute, Wellcome Trust Genome Campus, Hinxton, Cambridge, UK
2009.-2012.	22-mjesečno poslijedoktorsko usavršavanje u polju primijenjene statističke genetike u grupi dr. Eleftherie Zeggini, Human Genetics Department, Wellcome Trust Sanger Institute, Wellcome Trust Genome Campus, Hinxton, Cambridge, UK
2007.	5-mjesečno doktorsko usavršavanje u polju primijenjene statističke genetike u grupi prof. dr. sc. Mark McCarthy-a, Wellcome Trust Center for Human Genetics, Sveučilišta u Oxfordu, UK

TEČAJEVI USAVRŠAVANJA:

2011. "Next Generation Sequencing for rare and common genetic disorders", European School of Genetic Medicine, 14.-17. travnja 2011, Bologna, Italija

2010. "Using Unix at the Sanger Centre", Wellcome Trust Sanger Institutut, Hinxton, Cambridge, UK, 23 ožujka 2010

2010. "Beginner's guide to R course", Odjel za genetiku, Sveučilište u Cambridge-u , 15-16 veljače 2010

2008. "Building a Successful International Research Career", British Council Lisabon, Portugal, 2.-4. prosinca 2008.

2008. "Vještina medicinske edukacije i znanstvenog rada", Medicinski fakultet, Sveučilište u Splitu

2008. "Hybrid course in non-invasive prenatal diagnosis, online tečaj europske škole za humanu genetiku na Medicinskom fakultetu Sveučilišta u Splitu 24. i 25. veljače 2008.

2007. "Working with the HapMap", 2.-5. travnja 2007, Wellcome Trust, Hinxton, Cambridge, UK

2006. "Structure and Evolution: from Bench to Terminal", prva MedILS-ova ljetna škola 18-22 lipnja 2006, Mediteranski institut za istraživanje života, Split

2005. "Modern Approach in Genome Analysis for Medical Application" u organizaciji FEBS & UNESCO-ICRO, University of Latvia, Riga, Latvija

2004. "Introductory Statistics and Research Methods And Getting Started With SPSS", u organizaciji Centre for Applied Medical Statistics-University of Cambridge, Split

2004. "First LatinAmerican Course on Human Disease Gene Mapping" u organizaciji ICGEB-a, Medellin, Kolumbija

2004. "Introduction to Bioinformatics", Zagreb

2004. Tečaj trajne izobrazbe "Planiranje i pisanje znanstvenog rada" u organizaciji CMJ-a (Croatian Medical Journal), Split

STIPENDIJE I NAGRADE:

2015. Nagrada Medicinskog fakulteta Sveučilišta u Splitu za najbolji rad u akademskoj godini 2014./15.

2013. Godišnja nagrada Hrvatskog društva za biokemiju i molekularnu biologiju (HDBMB) za mladog znanstvenika za 2012. godinu.

2012. ENGAGE (European Network of Genomic and Genetic Epidemiology) znanstvenik ljeta 2012 - bazirano na publikaciji 'Genome-wide meta-analysis of common variant differences between men and women' (Boraska et al., Hum Mol Genet, August 2012) http://www.euengage.org/vesna.html

2006.-2008. Stipendije Poglavarstva grada Splita za poslijediplomski doktorski studij za akademsku godinu 2006./2007. i 2007./2008.

2006. Nagrada Medicinskog fakulteta Sveučilišta u Splitu za najbolji rad u akademskoj godini 2004./2005. (jedan od tri prva autora s jednakim učešćem na radu)

1996.-2001. Primatelj Državne stipendije Republike Hrvatske

NOSITELJ PROJEKATA:

2015. Zaklada Adris, program „Znanja i otkrića", projekt „Analiza imunološkog odgovora na proteine iz hrane u nastanku Hashimotovog tiroiditisa" na Medicinskom fakultetu Sveučilišta u Splitu

2014. Hrvatska zaklada za znanost (HRZZ), Uspostavna poptpora „Genome-wide association analysis of Hashimoto thyroiditis" (Cjelogenomska analiza

povezanosti Hashimotovog tiroiditisa) na Medicinskom fakultetu Sveučilišta u Splitu

2011. Jedinstvo uz pomoć znanja, "Gaining Experience grant 2A" za poslijedoktorsko istraživanje "Establishing novel genetic loci for eating disorder-related traits, brachial circumference and sex" na Wellcome Trust Sanger Institutu, Wellcome Trust Genome Campus, Hinxton, Cambridge, UK

2009.-2010. Nacionalna zaklada za znanost, visoko školstvo i tehnologijski razvoj Republike Hrvatske, program Priljev mozgova – "Postdoc" za poslijedoktorsko istraživanje "Analysis and interpretation of large-scale association studies: application to the 10,001 Dalmatians data" na Wellcome Trust Sanger Institutu, Wellcome Trust Genome Campus, Hinxton, Cambridge, UK

2007. British Scholarship Trust projekt za doktorsko istraživanje na Wellcome Trust Centru za humanu genetiku Sveučilišta u Oxfordu

RAD NA OSTALIM PROJEKTIMA:

2013. Suradnik na projektu "Understanding patterns of genome-wide heterozygosity in a sample of the Croatian isolated populations" voditelja izv. prof. Ozrena Polašeka kroz European Sequencing and Genotyping Infrastructure (ESGI) financiran od EU 7 Framework Programme (FP7/2007-2013) pod brojem n° 262055.

2009-2014 Glavni analizator na Wellcome Trust Case Control Consortia III (WTCCC3) projektu „Cjelogenomska analiza povezanosti bolesti Anoreksija nervosa" (098051) voditeljice prof. Eleftherie Zeggini

2007.-2013. Suradnik na projeku prof. dr. sc. Tatijane Zemunik:"Genetska epidemiologija šećerne bolesti tip 1 u populaciji Hrvatske" (216-1080315-0293) kao dio programa: "Hrvatska biobanka: Resurs za analizu odrednica zdravlja i bolesti u populaciji"

2002.-2006. Suradnik na projeku doc. dr. sc. Tatijane Zemunik:"Genetska studija šećerne bolesti tip 1 u populaciji Dalmacije" (0216011)

POPIS PREDAVANJA:

2013. Pozvano predavanje "The use of genome-wide association studies: an example of the research of Anorexia Nervosa" na godišnjoj skupštini Hrvatskog društva za biokemiju i molekularnu biologiju (HDBMB), Zagreb, Hrvatska

2013. Pozvano predavanje "WTCCC3 and GCAN: A Genomewide Association Study of Anorexia Nervosa". The 8th ISABS Conference in Forensic, Anthropologic and Medical Genetics and Mayo Clinic Lectures in Translational Medicine, Split, Hrvatska

2012. Predavanje "Svi moji geni", Festival znanosti, Sveučilište u Splitu 2012.

2010. Predavanje "Genome-wide meta-analysis of brachial circumference", Wellcome Trust Sanger Institute, Wellcome Trust Genome Campus, Hinxton, Cambridge, UK

2010. Predavanje "Analysis and interpretation of large-scale association studies: application to the 10,001 Dalmatians data", Wellcome Trust Sanger Institute, Wellcome Trust Genome Campus, Hinxton, Cambridge, UK

2009. Predavanje "Mutacije: pokretačka snaga evolucije", Festival znanosti, Sveučilište u Splitu 2009.

2007. Predavanje "WTCCC genome-wide analysis of parent-of-origin- effect in type 2 diabetes", Oxford Center for Diabetes, Endocrinology & Metabolism, Oxford, UK

2004. Stručno predavanje na temu genetski modificiranih organizama u Matematičkoj gimnaziji u Splitu

EVALUACIJA EU PROJEKATA:

2016.-2017. COST (European Cooperation in Science and Technology), otvoreni pozivi OC-2016-1 i OC-2016-2, financirano EU Framework Programom

2015. Obzor 2020, projektni poziv 'Personalizing health and care' (H2020-PHC-2015), projektni prijedlozi "PHC-03-2015 Understanding common mechanisms of diseases and their relevance in co-morbidities" i "PHC 18 – 2015 Establishing effectiveness of health care interventions in the paediatric population"

ČLANSTVA I MEĐUNARODNA SURADNJA:

Znanstvena društva:
Američko društvo za humanu genetiku
Hrvatsko društvo za biokemiju i molekularnu biologiju – HDBMB
Hrvatsko biološko društvo – HBD

Voditelj međunarodnih studija:
Wellcome Trust Case Control Consortia analysis of Anorexia Nervosa
Meta-analysis of brachial circumference
Meta-analysis of autosomal genetic variant differences between men and women
Genome-wide association analysis of eating disorders related phenotypes

Međunarodni konzorciji:
WTCCC (Wellcome Trust Case Control Consortia)
GCAN (Genetic Consortium for Anorexia Nervosa)
ENGAGE (European Network for Genetic and Genomic Epidemiology)
CHARGE (Cohorts for Heart and Aging Research in Genomic Epidemiology)

POGLAVLJE U KNJIZI:

2011. Zemunik T and Boraska V. "Genetics of Type 1 Diabetes", Type 1 Diabetes - Pathogenesis, Genetics and Immunotherapy, ISBN: 978-953-307-362-0, InTech Open Access Publisher

Dostupno na: http://www.intechopen.com/books/type-1-diabetes-pathogenesis-genetics-and-immunotherapy

2010. Nastavni tekst "Genetska istraživanja složenih bolesti" za izborni predmet "Genetika šećerne bolesti", studij Medicine, Medicinski fakultet Sveučilišta u Splitu.
http://www.mefst.unist.hr/nastava/katedre/medicinska-biologija-632/medicina-993/993

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2016. Brčić L, Barić A, Gračan S, Brdar D, Torlak Lovrić V, Vidan N, Zemunik T, Polašek O, Barbalić M, Punda A, **Boraska Perica V**. Association of established thyroid peroxidase autoantibody (TPOAb) genetic variants with Hashimoto's thyroiditis. 2016 Nov;49(7):480-485. (IF=2.917)

2016. Jeroncic A, Memari Y, Ritchie GR, Hendricks AE, Kolb-Kokocinski A, Matchan A, Vitart V, Hayward C, Kolcic I, Glodzik D, Wright AF, Rudan I, Campbell H, Durbin R, Polašek O, Zeggini E, **Boraska Perica V**. Whole-exome sequencing in an isolated population from the Dalmatian island of Vis. Eur J Hum Genet. 2016 Apr 6. doi: 10.1038/ejhg.2016.23 (IF=4.580)

2014. **Boraska, V**., Franklin, C.S., Floyd, et al. A genome-wide association study of anorexia nervosa. Mol Psychiatry. 2014 Oct;19(10):1085-94. doi: 10.1038/mp.2013.187. (IF= 14.496)

2012. **Boraska V**, Davis OS, Cherkas LF et al. Genome-wide association analysis of eating disorder-related symptoms, behaviors, and personality traits. Am J Med Genet B Neuropsychiatr Genet. 2012;159B(7):803-11. (IF=3.231)

2012. **Boraska V**, Jeroncic A, Colonna V et al. Genome-wide meta-analysis of common variant differences between men and women. Hum Mol Genet. 2012;1;21(21):4805-15. (IF=7.692)

2012. **Boraska V**, Day-Williams A, Franklin CS et al. Genome-wide Association Study to Identify Common Variants Associated with Brachial Circumference: a Meta-analysis of 14 Cohorts. PLoS One. 2012;7(3):e31369. (IF=3.730)

2010. **Boraska V**, Rayner NW, Groves CJ, Frayling TM, Diakite M, Rockett KA, Kwiatkowski DP, Day-Williams AG, McCarthy MI, Zeggini E. Large-scale association analysis of TNF/LTA gene region polymorphisms in type 2 diabetes. BMC Med Genet. 2010;6;11:69 (IF=2.439)

2009. **Boraska V**, Torlak V, Škrabić V, Kačić Z, Jakšić J, Stipančić G, Špehar A, Markotić A, Zemunik T. Glycosyltransferase B4GALNT1 and type 1 diabetes in Croatian population. Clin Biochem. 2009;42:819-22 (IF=2.019)

2009. **Boraska V**, Zeggini E, Groves CJ, Rayner NW, Škrabić V, Diakite M, Rockett KA, Kwiatkowski D, McCarthy MI, Zemunik T. Family-based analysis of tumour necrosis factor and lymphotoxin alpha tag polymorphisms with type 1 diabetes in the population of South Croatia. Hum Immunol. 2009;70:195-9. (IF=2.550)

2008. **Boraska V**, Skrabić V, Culić VC, Becić K, Kapitanović S, Zemunik T. Association of TNF promoter polymorphisms with type 1 diabetes in the South Croatian population. Biol Res. 2008;41:157-63. (IF=1.140)

2008. **Boraska V**, Skrabić V, Zeggini E, Groves CJ, Buljubašić M, Peruzović M, Zemunik T. Family-based analysis of vitamin D receptor gene polymorphisms and type 1 diabetes in the population of South Croatia. J Hum Genet. 2008;53:210-214 (IF=2.431)

2006. **Boraska V**, Terzić J, Škrabić V, Čaćev T, Bučević-Popović V, Peruzović V, Markotić A, Zemunik T. NeuroD1 Gene and Interleukin-18 Gene Polymorphisms in Type 1 Diabetes in Dalmatian Population of Southern Croatia. Croat Med J. 2006. 47:571-578 (IF=0.825)

2005. Zemunik T[*], Škrabić V[*], **Boraska V[*],** Diklić D, Marinović Terzić I, Čapkun V, Peruzović M, Terzić J. *FokI* polymorphism, Vitamin D receptor and Interleukin-1 receptor haplotypes are associated with type 1 diabetes in the Dalmatian population, J Mol Diagn. 2005 Nov;7(5):600-4. (IF=2.885)
(* autori jednako doprinjeli radu)

Ostali radovi:

2016. Hinney A, Kesselmeier M, Jall S, Volckmar AL, Föcker M, Antel J; GCAN; WTCCC3, Heid IM, Winkler TW; GIANT, Grant SF; EGG, Guo Y, Bergen AW, Kaye W, Berrettini W, Hakonarson H; Price Foundation Collaborative Group; Children's Hospital of Philadelphia/Price Foundation, Herpertz-Dahlmann B, de Zwaan M, Herzog W, Ehrlich S, Zipfel S, Egberts KM, Adan R, Brandys M, van Elburg A, **Boraska Perica V**, Franklin CS, Tschöp MH, Zeggini E, Bulik CM, Collier D, Scherag A, Müller TD, Hebebrand J. Evidence for three genetic loci involved in both anorexia nervosa risk and variation of body mass index. Mol Psychiatry. 2016 May 17. doi: 10.1038/mp.2016.71 (IF=13.314)

2015. Qi Q, Downer MK, Kilpeläinen TO, Taal HR, Barton SJ, Ntalla I, Standl M, **Boraska V**, Huikari V, Kiefte-de Jong JC, Körner A, Lakka TA, Liu G, Magnusson J, Okuda M, Raitakari O, Richmond R, Scott RA, Bailey ME, Scheuermann K, Holloway JW, Inskip H, Isasi CR, Mossavar-Rahmani Y, Jaddoe VW, Laitinen J, Lindi V, Melén E, Pitsiladis Y, Pitkänen N, Snieder H, Heinrich J, Timpson NJ, Wang T, Yuji H, Zeggini E, Dedoussis GV, Kaplan RC, Wylie-Rosett J, Loos RJ, Hu FB, Qi L. Dietary Intake, FTO Genetic Variants, and Adiposity: A Combined Analysis of Over 16,000 Children and Adolescents. Diabetes. 2015 Jul;64(7):2467-76. doi: 10.2337/db14-1629. Epub 2015 Feb 26. (IF=8.784)

2014. Huckins LM, **Boraska V**, Franklin CS, Floyd JAB, Southam L, GCAN, WTCCC3, Sullivan PF, Bulik CM, Collier DA, Tyler-Smith C, Zeggini E, Tachmazidou I. Using ancestry-informative markers to identify fine structure across 15 populations of European origin. Eur J Hum Genet. 2014 Oct;22(10):1190-200. doi: 10.1038/ejhg.2014.1 (IF=4.349)

2012. Pehlić M, Vrkić D, Skrabić V, Jerončić A, Stipančić G, Urojić AŠ, Marjanac I, Jakšić J, Kačić Z, **Boraska V**, Zemunik T. IL12RB2 Gene Is Associated with the Age of Type 1 Diabetes Onset in Croatian Family Trios. PLoS One. 2012;7(11):e49133. (IF=3.730)

2012. Franceschini N, van Rooij FJ, Prins BP et al. Discovery and Fine Mapping of Serum Protein Loci through Transethnic Meta-analysis. Am J Hum Genet. 2012;5;91(4):744-753. (IF=11.201)

2012. McQuillan R, Eklund N, Pirastu N et al. Evidence of inbreeding depression on human height. PLoS Genet. 2012;8(7):e1002655. (IF=8.167)

2012. arcOGEN Consortium; arcOGEN Collaborators. Identification of new susceptibility loci for osteoarthritis (arcOGEN): a genome-wide association study. Lancet. 2012;1;380(9844):815-23. (IF=39.060)

2012. Asimit J, Day-Williams A, Zgaga L, Rudan I, **Boraska V**, Zeggini E. An evaluation of different meta-analysis approaches in the presence of allelic heterogeneity. Eur J Hum Genet. 2012;20(6):709-12 (IF=4.319)

2011. Artigas MS, Loth DW, Wain LV et al. Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. Nat Genet. 2011;25;43:1082-90. (IF=35.532)

2011. Bakija-Konsuo A, Mulić R, **Boraska V**, Pehlic M, Huffman JE, Hayward C, Marlais M, Zemunik T, Rudan I. Leprosy epidemics during history increased protective allele frequency of PARK2/PACRG genes in the population of the Mljet Island, Croatia. Eur J Med Genet. 2011;54(6):e548-52. (IF=2.178)

2011. Kuzmanić Samija R, Primorac D, Resić B, Lozić B, Krzelj V, Tomasović M, Stoini E, Samanović L, Benzon B, Pehlić M, **Boraska V**, Zemunik T. Association of NOS3 tag polymorphisms with hypoxic-ischemic encephalopathy. Croat Med J. 2011;52(3):396-402. (IF=1.796)

2011. Budimir D, Polasek O, Marusić A, Kolcić I, Zemunik T, **Boraska V**, Jeroncić A, Boban M, Campbell H, Rudan I. Ethical aspects of human biobanks: a systematic review. Croat Med J. 2011;52(3):262-79. (IF=1.796)

2009. Bucan K, Ivanisevic M, Zemunik T, **Boraska V**, Skrabic V, Vatavuk Z, Galetovic D, Znaor L. Retinopathy and nephropathy in type 1 diabetic patients--association with polymorphysms of vitamin D-receptor, TNF, Neuro-D and IL-1 receptor 1 genes. Coll Antropol. 2009;Suppl 2:99-105. (IF=0.503)

2009. Biloglav Z, Zgaga L, Smoljanovic M, Hayward C, Polasek O, Kolcic I, Vitart V, Zemunik T, **Boraska V**, Torlak V, Mulic R, Ropac D, Grkovic I, Rudan D, Ristic S, Barbalic M, Campbell H, Wright AF, Hastie N, Rudan I. Historic, demographic and genetic evidence suggests that highly letal 15th century epidemics increased population frequencies of CCR5Δ32 mutation in Croatian island isolates. Croat Med J. 2009;50:34-42. (IF=1.373)

2009. Zemunik T, Boban M, Lauc G, Janković S, Rotim K, Vatavuk Z, Benčić G, Đogaš Z, **Boraska V**, Torlak V, Sušac J, Zobić I, Rudan D, Pulanić D, Hayward C, Vitart V, Wright AF, Campbell H, Rudan I. Genome-wide association study of biochemical traits in Korčula island, Croatia. Croat Med J. 2009;50:23-33. (IF=1.373)

2006. Boraska Jelavić T, Barišić M, Drmić I, **Boraska V**, Vrdoljak E, Peruzović M, Hozo I, Puljiz Ž, Terzić J. Microsatelite GT Polymorphism In The Toll-Like Receptor 2 Is Associated With Colorectal Cancer. Clin Genet 2006. 70:156-160 (IF=3.140)

2005. Markotić A, Ćulić VC, Kurir TT, Meisen I, Buntemeyer H, **Boraska V**, Zemunik T, Petri N, Mesarić M, Peter-Katalinić J, Muthing J. Oxygenation alters ganglioside expression in rat liver following partial hepatectomy. Biochem Biophys Res Commun. 2005;29;330(1):131-41 (IF=2.281)

2004. Kurir TT, Markotić A, Katalinić V, Bozanić D, Čikeš V, Zemunik T, Modun D, Rinčić J, **Boraska V**, Bota B, Salamunić I, Radić S**.** Effect of hyperbaric oxygenation on the regeneration of the liver after partial hepatectomy in rats. Braz J Med Biol Res. 2004;37(8):1231-7 (IF=0.824)

KONGRESNI SAŽECI:

2016. Dubravka Brdar, Antonela Boljat, Vesela Torlak, Ante Punda, **Vesna Boraska Perica**, Ivana Gunjača, Nikolina Vidan, Bernarda Lozić, Ozren Polašek, Caroline Hayward, Maja Barbalić, Tatijana Zemunik. Identification of novel genetic loci associated with thyroid function. European Congress of Endocrinology, ECE 2016, May 28-31 Munich, Germany.

2016. Antonela Boljat, Ivana Gunjača, Nikolina Vidan, Vesela Torlak, Dubravka Brdar, Ante Punda,Bernarda Lozić, **Vesna Boraska Perica**, Ozren Polašek, Caroline Hayward, Maja Barbalić,Tatijana Zemunik. Identification of new genetic loci and environmental factors associated with parathyroid hormone levels. European human genetics conference 2016, May 21-24 2016. Barcelona, Spain

2015. Ivana Gunjača, Antonela Boljat, Nikolina Vidan, Vesela Torlak, Ante Punda, **Vesna Boraska Perica**, Ozren Polašek, Tatijana Zemunik, Maja Barbalić. Identification of new genetic loci associated with serum level of the thyroid hormone T4 in thyroid gland.VI. Hrvatski kongres humane genetike s međunarodnim sudjelovanjem, Split, Hrvatska, 5.-7. 11. 2015

2015. Antonela Boljat, Ivana Gunjača, Nikolina Vidan, Vesela Torlak, Dubravka Brdar, Ante Punda, **Vesna Boraska Perica**, Ozren Polašek, Maja Barbalić, Tatijana Zemunik. Influence of selected environmental factors on thyroid

function. VI. Hrvatski kongres humane genetike s međunarodnim sudjelovanjem, Split, Hrvatska, 5.-7. 11. 2015

2015. Tatijana Zemunik, Antonela Boljat, Nikolina Vidan, Ivana Gunjača, Vesela Torlak, Dubravka Brdar, Ante Punda, Bernarda Lozić, **Vesna Boraska Perica**, Ozren Polašek, Maja Barbalić, Caroline Hayward. Genetic loci implicated in regulation of thyroid function. VI. Hrvatski kongres humane genetike s međunarodnim sudjelovanjem, Split, Hrvatska, 5.-7. 11. 2015

2015. Brčić Luka, Barić Ana, Gračan Sanda, Brdar Dubravka, Torlak Lovrić Vesela, Vidan Nikolina, Zemunik Tatijana, Polašek Ozren, Barbalić Maja, Punda Ante, **Boraska Perica Vesna**. Hashimoto's thyroiditis and thyroid peroxidase autoantibody levels share genetic background. VI. Hrvatski kongres humane genetike s međunarodnim sudjelovanjem, Split, Hrvatska, 5.-7. 11. 2015.

2013. **Boraska V**, Sullivan PF, Collier DA, Zeggini E, Bulik CM. "WTCCC3 and GCAN: A Genomewide Association Study of Anorexia Nervosa". The 8th ISABS Conference in Forensic, Anthropologic and Medical Genetics and Mayo Clinic Lectures in Translational Medicine, Split, Croatia (predavanje)

2012. **Boraska V,** Bulik CM, Collier DA, Sullivan PF, Zeggini E, GCAN Consortium, Wellcome Trust Case Control Consortium 3. WTCCC3 and GCAN: A genomewide association scan of anorexia nervosa. Annual Meeting of The American Society of Human Genetics 2012, San Francisco, USA

2012. Bulik CM, Collier D, Sullivan P, WTCCC3 AN Consortium. WTCCC3 Genomewide Association Study for anorexia nervosa. Academy for Eating Disorders, International Conference on Eating Disorders. Austin, TX, USA

2012. Huckins L, Genetics Consortium of Anorexia Nervosa, Wellcome Trust Case Control Consortium, **Boraska V**, Bulik CM, Collier DA, Sullivan PF, Logan D, Zeggini E. From gene function to complex phenotypes; using network analysis to understand behavioural pathways. EMBL PHD symposium. Heidelberg, Germany

2012. Huckins L, **Boraska V**, Franklin C, Floyd J, Genetics Consortium of Anorexia Nervosa, Wellcome Trust Case Control Consortium 3, Sullivan PF, Collier DA, Bulik CM, Tyler-Smith C, Zeggini E, Tachmazidou I. Using ancestry-informative markers to identify fine structure across 15 populations of European origin. European Human Genetics Conference 2012, Nuremberg, Germany

2011. Bulik CM, Collier D, Sullivan PF, Zeggini E. WTCCC3 and GCAN: A Genomewide Scan for Anorexia Nervosa. Eating Disorders Research Society, Edinburgh, Scotland, UK

2011. Bulik CM, Collier D, Sullivan PF, Zeggini E, and the GCAN Consortium WTCCC3 and GCAN: A genomewide scan for anorexia nervosa. World Congress of Psychiatric Genetics, Washington DC, USA

2011. **Boraska V**, Autosomal sex differences meta-analysis group. Genome-wide meta-analysis of autosomal SNP differences between men and women. Annual Meeting of The American Society of Human Genetics/International Society of Human Genetics 2011, Montreal, Canada

2011. **Boraska V**. Genome-wide meta-analysis of brachial circumference. 7th ISABS Conference on Forensic, Anthropologic and Medical Genetics 2011, Bol, Brač, Hrvatska

2011. Pehlić M, Vrkić D, Škrabić V, Stipančić G, Špehar Uroić A, Marjanac I, Jakšić J, Kačić Z, **Boraska V**, Zemunik T. Exploring genetic overlap of four autoimmune risk loci in type 1 diabetes family trios in Croatia. 7th ISABS Conference on Forensic, Anthropologic and Medical Genetics 2011, Bol, Brač, Hrvatska

2011. Kuzmanić Šamija R, Primorac D, Rešić B, Lozić B, Krželj V, Tomasović M, Stojini E, Pehlić M, **Boraska V**, Zemunik T. Association of NOS3 tag polymorphisms with hypoxic-ischemic encephalopathy. ISABS Conference on Forensic, Anthropologic and Medical Genetics 2011, Bol, Brač, Hrvatska

2010. Bulik CM, Collier D, Sullivan P, WTCCC3 AN Consortium WTCCCC3. WTCCC3 and GCAN: A Genomewide Scan for Anorexia Nervosa. Academy for Eating Disorders, International Conference on Eating Disorders. Miami, FL, USA

2010. Collier D, Bulik CM, Sullivan PF and the GCAN Consortium "Genetics of anorexia nervosa." Volume: 20, Issue: 2, Publisher: Elsevier, Pages: S190-S190 European Neuropsychopharmacology

2010. Bulik CM, Collier D, Sullivan PF and the GCAN Consortium. "Genetic Consortium for Anorexia Nervosa." Academy for Eating Disorder, International Conference on Eating Disorders, Salzburg, Austria

2010. **Boraska V**, Day-Williams A, Beazley C et. al. Genome-wide meta-analysis of brachial circumference. 60th Annual Meeting of The American Society of Human Genetics 2010, Washington, DC, USA

2008. **Boraska V**, Zeggini E, Groves CJ, Rayner NW, Škrabić V, Diakite M, Rockett KA, Kwiatkowski D, Zemunik T, McCarthy MI. Family-based analysis of tumour necrosis factor and lymphotoxin alpha tag polymorphisms and type 1 diabetes in the population of South Croatia. European Human Genetics Conference 2008, Barcelona, Spain

2008. Zemunik T, Torlak V, Škrabić V, Kačić Z, Jakšić J, Stipančić G, Špehar A, Markotić A, **Boraska V.** New candidate gene B4GALNT1 is not associated with T1DM. European Human Genetics Conference 2008, Barcelona, Spain

2008. Fernandez-Cadenas I, Prokopenko I, Timpson NJ, **Boraska V**, Rayner NW, Hattersley AT, Frayling TM, Zeggini E, Lindgren CM, McCarthy MI. Stratified analysis of the Wellcome Trust Case Control Consortium scan for type 2 diabetes reveals susceptibility loci that may affect age of diagnosis. DIABETOLOGIA. Supplement S10-S10, Meeting Abstract 10.

2007. Zemunik T, **Boraska V**, Škrabić V. Tumor necrosis factor-α promoter polymorphisms and type 1 diabetes mellitus. European Human Genetics Conference 2007. Nica, France

2006. **Boraska V**, Bečić K, Škrabić V, Peruzović M, Čikeš Čulić V, Kapitanović S, Zemunik T. IL-18 and TNF-α promoter polymorphisms and susceptibility to type 1 diabetes in the Dalmatian population. European Human Genetics Conference 2006. Amsterdam, Netherlands

2005. **Boraska V**, Zemunik T, Škrabić V, Marinović Terzić I, Peruzović M, Terzić J. Vitamin D receptor allele combinations and *FokI* polymorphism influence genetic susceptibility to type 1 diabetes in Dalmatian population . European Conference of Human Genetics 2005. Prague, Czech Republic

2004. Zemunik T, Škrabić V, Diklić D, **Boraska V**, Čačev T, Terzić J. Vitamin D receptor polymorphism is risk factor for development of type 1 diabetes mellitus", European Human Genetics Conference 2004, Munich, Germany

2003. Zemunik T, Škrabić V, Diklić D, Šitum M, **Boraska V**, Terzić J. Polimorfizam gena za receptor vitamina D jest faktor rizika u nastanku tip 1 šećerne bolesti. 8. Hrvatski biološki kongres s međunarodnim sudjelovanjem, Zagreb, Hrvatska

RECENZENT U MEĐUNARODNIM ZNANSTVENIM ČASOPISIMA:

2016. "Human Molecular Genetics"

2016. "BMJ Open"

2015. "Human Genetics"

2014. "Human Immunology"
2014. "PloS Genetics"
2014. "Neuropsychiatric Disease and Treatment"
2013./2014. "European Journal of Human Genetics"
2013. "Endocrine"
2013. "Molecular Biology Reports"
2013. "Psychiatry Research"
2012. "African Journal of Biotechnology"
2011./2012. "PloS ONE"
2011. "Central European Journal of Biology"
2010. "Diabetes Research and Clinical Practice"
2010. "Molecular Genetics and Genomics"
2010. "BMC Medical Genetics"
2009. "Life Sciences"
2009. "Indian Journal of Medical Sciences"
2009. "Genetics and Molecular Biology"

NASTAVNE AKTIVNOSTI:

1. Dodiplomska nastava:

2014.-2017. „Biologija biljaka i životinja", studij farmacije, **(voditelj predmeta)**
2003.-2017. „Medicinska biologija" studij medicine
2011.-2017. „Medical Biology" studij medicine na engleskom
2007.-2017. „Medicinska biologija" studij dentalne medicine, (**voditelj predmeta**)
2011.-2017. „Medicinska biologija", Sveučilišni odjel zdravstvenih studija, Sveučilište u Splitu
2007.-2008. „Biologija s genetikom", studij stomatologije
2005.-2011. „Genetika šećerne bolesti", studij medicine
2005.-2008. „Genetička osnova razvoja" studij medicine
2005.-2008. „Kako nastaju tumori", studij medicine
2005.-2008. „Osnove istraživačkog rada u sestrinstvu", stručni studij Sestrinstva Medicinskog fakulteta Sveučilišta u Splitu
2003.-2004. „Molekularna biologija u medicini", stručni studij Sestrinstva Medicinskog fakulteta Sveučilišta u Splitu
2003.-2004. „Molekularna biologija u medicini", stručni studij Sestrinstva Odjela za stručne studije Sveučilišta u Splitu

2. Poslijediplomska nastava:

2011.-2016. „Genetička statistika i genomske baze podataka", doktorski studij „Translacijska istraživanja u biomedicini", Medicinski fakultet Sveučilišta u Splitu (**voditelj predmeta**)
2011. "Varijacije u genomu: doprinos nastanku složenih bolesti", doktorski studij „Biomedicina i zdravstvo", Medicinski fakultet Sveučilišta u Mostaru, Bosna i Hercegovina
2007.-2009. „Citogenetika tumora", poslijediplomski studij "Biologija novotvorina", Medicinski fakultet Sveučilišta u Splitu

POVJERENSTVA:

2011.-2012. Odbor za osiguranje kvalitete pri Medicinskom fakultetu Sveučilišta u Splitu

2008. Povjerenstvo za nastavu za prvu i drugu godinu studija stomatologije pri Medicinskom fakultetu Sveučilišta u Splitu

2006.- 2009. Tajnik Katedre za Medicinsku biologiju Medicinskog fakulteta Sveučilišta u Splitu

PROMOCIJA ZNANOSTI:

2011. On-line razgovor s učenicima i nastavnicima iz Gimnazije B. Frankopana, Ogulin

2008. Finale natjecanja u kratkim znanstvenim prezentacijama „Laboratorij slave“ (FameLab), u organizaciji British Councila s temom “Analiza cjelokupnog genoma“

2007. Članak na internet portalu Glas Dalmacije o uspjesima grupe prof. Mark McCarthy-a sa Sveučilišta u Oxfordu o analizi čitavog genoma i povezanosti s pretilošću

2001. Supokretač i aktivni sudionik projekta “Informiranje i edukacija o zakonskoj zaštiti mora i priobalja Hrvatske”, Prirodoslovno-matematički fakultet,Biološki odsjek, Sveučilište u Zagrebu

Split, veljača, 2017. **Izv. prof. dr. sc. Vesna Boraska Perica**