

CURRICULUM VITAE

Izv. prof. dr. sc. VESNA BORASKA PERICA

POSAO:

Medicinski fakultet Sveučilišta u Splitu
Katedra za medicinsku biologiju
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JEZICI:

Hrvatski (materinji)
Engleski (tečno)
Španjolski (osnovno/dobro)
Talijanski (osnovno/dobro)

OBRAZOVANJE:

2002. – 2008. Prirodoslovno-matematički fakultet Sveučilišta u Zagrebu, Doktorski studij prirodnih znanosti – smjer “Stanična i molekularna biologija”, prosjek ocjena 5.0
- 1996.-2001. Dipl. ing. biologije-ekologije, Prirodoslovno-matematički fakultet, Sveučilište u Zagrebu, prosjek ocjena 4.78
- 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

POSTIGNUTA ZVANJA:

2015. Znanstveno-nastavno zvanje **izvanredni profesor** pri Katedri za Medicinsku biologiju Medicinskog fakulteta Sveučilišta u Splitu (25.05.2015.)

- 2013. Znanstveno zvanje viši znanstveni suradnik u području prirodnih znanosti za znanstveno polje biologije (20.11.2013.)
- 2010. Znanstveno-nastavno zvanje docent pri Katedri za Medicinsku biologiju Medicinskog fakulteta Sveučilišta u Splitu (4.03.2010.)
- 2009. Znanstveno zvanje znanstveni suradnik u području prirodnih znanosti za znanstveno polje biologije (10.12.2009.)
- 2002.-2008. Znanstveni novak (1.12.2002.) / suradničko zvanje asistent (06.03.2008.) / viši asistent (01.09.2008.) pri Katedri za Medicinsku biologiju Medicinskog fakulteta Sveučilišta u Splitu

RADNO ISKUSTVO:

- 2002.-2018. Znanstveni novak / asistent / viši asistent / docent / izvanredni profesor pri Katedri za Medicinsku biologiju Medicinskog fakulteta Sveučilišta u Splitu
- 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
- 2012. 2-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
- 2011. 9-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
- 2009.-2010. 11-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. 4-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
- 2002. 3-mjesečno radno iskustvo u okviru američko - hrvatskog programa "Praktične izobrazbe u nacionalnim parkovima" na interpretaciji, promociji i uređenju NP Mljet
- 2002. Četiri mjeseca rada kao nadzornik nad preparatima DDD poslova u firmi Ekosan DDD

DODATNO OBRAZOVANJE:

2011. Tečaj usavršavanja "Next Generation Sequencing for rare and common genetic disorders", European School of Genetic Medicine, 14.-17. travnja 2011, Bologna, Italija
2010. Tečaj usavršavanja "Using Unix at the Sanger Centre", Wellcome Trust Sanger Institutut, Hinxton, Cambridge, UK, 23 ožujka 2010
2010. Tečaj usavršavanja "Beginner's guide to R course", Odjel za genetiku, Sveučilište u Cambridge-u , 15-16 veljače 2010
2008. Tečaj usavršavanja u organizaciji British Council-a: "Building a Successful International Research Career", 2.-4. prosinca 2008., Lisabon, Portugal
2008. Tečaj stalnog medicinskog usavršavanja "Vještina medicinske edukacije i znanstvenog rada", Medicinski fakultet, Sveučilište u Splitu
2008. Online tečaj europske škole za humanu genetiku na Medicinskom fakultetu Sveučilišta u Splitu "Hybrid course in non-invasive prenatal diagnosis, 24. i 25. veljače 2008.
2007. Napredni tečaj Wellcome Trust-a: "Working with the HapMap", 2.-5. travnja 2007, Hinxton, Cambridge, UK
2006. Prva MedILS-ova ljetna škola "Structure and Evolution: from Bench to Terminal", 18-22 lipnja 2006, Mediteranski institut za istraživanje života, Split
2005. Napredni tečaj: "Modern Approach in Genome Analysis for Medical Application" u organizaciji FEBS & UNESCO-ICRO, University of Latvia, Riga, Latvija
2004. Praktični tečaj: "Introductory Statistics and Research Methods And Getting Started With SPSS", u organizaciji Centre for Applied Medical Statistics-University of Cambridge, Split
2004. Praktični tečaj: "First LatinAmerican Course on Human Disease Gene Mapping" u organizaciji ICGEB-a, Medellin, Kolumbija
2004. Praktični tečaj: "Introduction to Bioinformatics", Zagreb
2004. Tečaj trajne izobrazbe "Planiranje i pisanje znanstvenog rada" u organizaciji CMJ-a (Croatian Medical Journal), Split
2000. WWF Wild School 2000 - škola o zaštiti i menagmentu mediteranskih nacionalnih parkova, organizator WWF Italija (WWF course on Conservation and Management of Mediterranean Natural Areas)

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:

2016. Zaklada Adris, program „Znanja i otkrića”, projekt „Analiza imunološkog odgovora na proteine iz hrane u nastanku Hashimotovog tiroiditisa” (100,000.00 HRK)
2014. Hrvatska zaklada za znanost (HRZZ), Uspostavna potpora „Genome-wide association analysis of Hashimoto thyroiditis” (Cjelogenomska analiza povezanosti Hashimotovog tiroiditisa) na Medicinskom fakultetu Sveučilišta u Splitu (1,000,000.00 HRK)
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 (72,000 HRK)
- 2009.-2010. Nacionalna zaklada za znanost, visoko školstvo i tehnološki 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 (80,824 HRK)
2007. British Scholarship Trust projekt za doktorsko istraživanje na Wellcome Trust Centru za humanu genetiku Sveučilišta u Oxfordu (27,800 HRK)

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 Polaška kroz European Sequencing and Genotyping Infrastructure (ESGI) financiran od EU 7 Framework Programme (FP7/2007-2013) pod brojem n° 262055.
- 2009-2014 Suradnik na Wellcome Trust Case Control Consortia III (WTCCC3) projektu „Cjelogenomska analiza povezanosti bolesti Anoreksija nervosa“ (098051)
- 2007.-2013. Suradnik na projektu prof. dr. sc. Tatijane Zemunik: "Genetska epidemiologija šećerne bolesti tip 1 u populaciji Hrvatske" (216-1080315-0293). Ovaj projekt je dio programa: "Hrvatska biobanka: Resurs za analizu odrednica zdravlja i bolesti u populaciji"
- 2002.-2006. Suradnik na projektu doc. dr. sc. Tatijane Zemunik: "Genetska studija šećerne bolesti tip 1 u populaciji Dalmacije" (0216011)

MENTORSTVA DOKTORATA:

2018. Doktorand dr. sc. Luka Brčić, mag. math, je 18.12.2018. uspješno obranio doktorsku disertaciju pod naslovom „Hashimotov tireoiditis: otkrivanje genetskih varijanti uključenih u razvoj bolesti“ pod mentorstvom izv. prof. Vesne Boraska Perica

MENTORSTVA DIPLOMSKIH RADOVA:

2017. Diplomantica Iva Anić je 27.10.2017. obranila diplomski rad pod nazivom „Fenotipska karakterizacija ispitanika oboljelih od Hashimotovog tiroiditisa“ pod mentorstvom izv. prof. Vesne Boraska Perica.

POPIS PREDAVANJA:

2018. Oralna prezentacija "Apoptosis-antagonizing transcription factor AATF and chromatin-remodeling SMARCA2 are associated with thyroid volume in Hashimoto's thyroiditis patients. 4th Congress of Croatian Geneticists with international participation, Krk, 26.-29. rujna 2018
2017. Pozvano predavanje "Genome-wide association analysis approach in identifying loci for complex diseases, an example for Hashimoto's thyroiditis" na kongresu Second Adriatic Symposium on Biophysical Approaches in Biomedical Studies. Split, Croatia, 24-28 rujna 2017.
2017. Pozvano predavanje „Cjelogenomska analiza povezanosti Hashimotovog tiroiditisa“ u svrhu predstavljanja Uspostavnih istraživačkih projekata u organizaciji Hrvatske zaklade za znanost, Split, 11. svibnja 2017. godine

2017. Pozvano predavanje "Genome-wide association analysis of Hashimoto's thyroiditis" na radionici "Genetic analysis of thyroid and parathyroid function", 15.-16-05-2017., Medicinski fakultet, Split, Hrvatska
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. Oralna prezentacija "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.-2016. Predavač "Ekologije mora" na tečaju za spasioce kojeg organizira Služba spašavanja života na vodi Crvenog križa Hrvatske
2004. Stručno predavanje na temu genetski modificiranih organizama u Matematičkoj gimnaziji u Splitu

EVALUACIJA EU I HRVATSKIH PROJEKATA:

2018. HRZZ vrednovatelj izvješća istraživačkih projekata
2018. HRZZ Odbor za vrednovanje BMZ P1 („Projekt razvoja karijera mladih istraživača – izobrazba novih doktora znanosti “)
2017. COST (European Cooperation in Science and Technology), otvoreni poziv OC-2016-2, financirano EU Framework Programom
2016. COST, otvoreni poziv OC-2016-1, 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"

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
2000. Član organizacijskog tima međunarodnog kongresa LITTORAL 2000 “Responsible Coastal Zone Management - The Challenge of the 21st Century”, Cavtat
1999. Terenski suradnik na projektu “Razmnožavanje sifonalnih algi *Caulerpa taxifolia* i *Halimeda tuna*” na otoku Hvaru

ČLANSTVA I MEĐUNARODNA SURADNJA:

- Znanstvena društva:** Američko društvo za humanu genetiku
Hrvatsko društvo za humanu genetiku
Hrvatsko društvo za biokemiju i molekularnu biologiju – HDBMB
Hrvatsko biološko društvo – HBD
Plavi svijet, Institut za istraživanje i zaštitu mora, nevladina organizacija, Veli Lošinj, 2008
Udruga za zaštitu okoliša SUNCE 2002
Udruga studenata biologije – BIUS, 1999-2001
- 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:** Brainstorm consortium
PGC (Psychiatric Genomics Consortium)
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>

PODACI O OBJAVLJENIM RADOVIMA:

Ukupan broj izvornih znanstvenih radova: 45 (3 konzorcijska rada)

Broj radova indeksiranih u referentnoj bazi *Currnet Contents*: 42

Broj radova indeksiranih u referentnoj bazi *SCI-expanded*: 3

Glavni autor na CC radovima: 18 (41.9%)

Ukupna citiranost: > 1000

H-indeks: 15

ORIGINALNE ZNANSTVENE PUBLIKACIJE:

Radovi s prvim/zadnjim autorstvom:

2018. Brčić L, Barić A, Gračan S, Brekalo M, Kaličanin D, Gunjača I, Torlak Lovrić V, Tokić S, Radman M, Škrabić V, Miljković A, Kolčić I, Štefanić M, Glavaš-Obrovac Lj, Lessel D, Polašek O, Zemunik T, Barbalić M, Punda A, **Boraska Perica V**. Genome-wide association analysis suggests novel loci for Hashimoto's thyroiditis. *J Endocrinol Invest*. 2018 Oct 3. doi: 10.1007/s40618-018-0955-4.
2018. Barić A, Brčić L, Gračan S, Škrabić V, Brekalo M, Šimunac M, Torlak Lovrić V, Anić I, Barbalić M, Zemunik T, PundaA, **Boraska Perica V**. Thyroglobulin antibodies are associated with symptom burden in patients with Hashimoto's thyroiditis: a cross-sectional study. *Immunol Invest*. 2018 Oct 17:1-12. doi: 10.1080/08820139.2018.1529040.
2018. Kaličanin D, Brčić L, Barić A, Zlodre S, Barbalić M, Torlak Lovrić V, Punda A, **Boraska Perica V**. Evaluation of correlations between food-specific antibodies and clinical aspects of Hashimoto's thyroiditis. *J Am Coll Nutr*. 2018 Sep 28:1-8. doi: 10.1080/07315724.2018.1503103
2017. Brčić L, Gračan S, Barić A, Gunjača I, Torlak Lovrić V, Kolčić I, Zemunik T, Polašek O, Barbalić M, Punda A, **Boraska Perica V**. Association of Established Thyroid-stimulating Hormone and Free Thyroxine Genetic Variants with Hashimoto's Thyroiditis. *Immunol Invest*. 2017 Aug;46(6):625-638. doi: 10.1080/08820139.2017.1337785. (IF=1.824)

2017. Barić A, Brčić L, Gračan S, Torlak Lovrić V, Gunjača I, Šimunac M, Brekalo M, Boban M, Polašek O, Barbalčić M, Zemunik T, Punda A, **Boraska Perica V**. Association of established hypothyroidism-associated genetic variants with Hashimoto's thyroiditis. *J Endocrinol Invest*. 2017 Apr 5. doi: 10.1007/s40618-017-0660-8 (IF=2.633)
2016. Brčić Luka, Barić Ana, Gračan Sanda, Brdar Dubravka, Torlak Lovrić Vesela, Vidan Nikolina, Zemunik Tatijana, Polašek Ozren, Barbalčić Maja, Punda Ante, **Boraska Perica Vesna**. 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, Čačev 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:

2019. Popović M, Matana A, Torlak V, Brdar D, Gunjača I, **Boraska Perica V**, Barbalić M, Kolčić I, Punda A, Polašek O, Hayward C, Zemunik T. The effect of multiple nutrients on plasma parathyroid hormone level in healthy individuals. *Int J Food Sci Nutr.* 2019 Jan 7:1-7. doi: 10.1080/09637486.2018.1551335
2018. Matana A, Brdar D, Torlak V, Boutin T, Popović M, Gunjača I, Kolčić I, **Boraska Perica V**, Punda A, Polašek O, Barbalić M, Hayward C, Zemunik T. Genome-wide meta-analysis identifies novel loci associated with parathyroid hormone level. *Mol Med.* 2018 Apr 11;24(1):15. doi: 10.1186/s10020-018-0018-5.
2018. Brainstorm Consortium. Analysis of shared heritability in common disorders of the brain. *Science.* 2018 Jun 22;360(6395). pii: eaap8757. doi: 10.1126/science.aap8757.
2018. Matana A, Popović M, Boutin T, Torlak V, Brdar D, Gunjača I, Kolčić I, **Boraska Perica V**, Punda A, Polašek O, Hayward C, Barbalić M, Zemunik T. Genome-wide meta-analysis identifies novel gender specific loci associated with thyroid antibodies level in Croatsians. *Genomics.* 2018 Apr 18. pii: S0888-7543(18)30242-8. doi: 10.1016/j.ygeno.2018.04.012. [Epub ahead of print]
2017. Duncan L, Yilmaz Z, Gaspar H, Walters R, Goldstein J, Anttila V, Bulik-Sullivan B, Ripke S; **Eating Disorders Working Group of the Psychiatric Genomics Consortium**, Thornton L, Hinney A, Daly M, Sullivan PF, Zeggini E, Breen G, Bulik CM. Significant Locus and Metabolic Genetic Correlations Revealed in Genome-Wide Association Study of Anorexia Nervosa. *Am J Psychiatry.* 2017 Sep 1;174(9):850-858. doi: 10.1176/appi.ajp.2017.16121402. Epub 2017 May 12.
2017. Li D, Chang X, Connolly JJ, Tian L, Liu Y, Bhoj EJ, Robinson N, Abrams D, Li YR, Bradfield JP, Kim CE, Li J, Wang F, Snyder J, Lemma M, Hou C, Wei Z, Guo Y, Qiu H, Mentch FD, Thomas KA, Chiavacci RM, Cone R, Li B, Sleiman PA; **Eating Disorders Working Group of the Psychiatric Genomics Consortium**; Price Foundation Collaborative Group, Hakonarson H. A genome-wide association study of anorexia nervosa suggests a risk locus implicated in dysregulated leptin signaling. *Sci Rep.* 2017 Jun 19;7(1):3847. doi: 10.1038/s41598-017-01674-8. Erratum in: *Sci Rep.* 2017 Aug 21;7(1):8379.
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2017. Antonela Boljat, Ivana Gunjača, Ivan Konstantinović, Nikolina Vidan, **Vesna Boraska Perica**, Marina Pehlić, Veselin Škrabić, Tatijana Zemunik. *Exp Clin Endocrinol Diabetes*. 2017 Sep;125(8):563-570. doi: 10.1055/s-0043-109000. Epub 2017 Jul 27. Environmental Risk Factors for Type 1 Diabetes Mellitus Development. (IF=1.685)
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anorexia nervosa. *Mol Psychiatry*. 2018 May;23(5):1169-1180. doi: 10.1038/mp.2017.88. Epub 2017 Jul 25.

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KONGRESNI SAŽECI:

2018. Dean Kaličanin, Luka Brčić, Ana Barić, Sanda Gračan, Marko Brekalo, Vesela Torlak Lovrić, Ivana Kolčić, Ozren Polašek, Tatijana Zemunik, Ante Punda, **Vesna Boraska Perica**. Food frequency questionnaire analysis in patients with Hashimoto's thyroiditis. 11th International Scientific and Professional Conference WITH FOOD TO HEALTH, Split, 18.-19. Listopada 2018. (oralna prezentacija)
2018. Luka Brčić, Ana Barić, Marko Brekalo, Sanda Gračan, Veselin Škrabić, Dean Kaličanin, Ivana Novak, Tatijana Zemunik, Maja Barbalić, Ante Punda, **Vesna Boraska Perica**. Apoptosis-antagonizing transcription factor AATF and chromatin-remodeling SMARCA2 are associated with thyroid volume in Hashimoto's thyroiditis patients. 4th Congress of Croatian Geneticists with international participation, Krk, 26.-29. rujna 2018. (oralna prezentacija)
2018. Brčić Luka, Barić Ana, Gračan Sanda, Torlak Lovrić Vesela, Brekalo Marko, Škrabić Veselin, Zemunik Tatijana, Barbalić Maja, Punda Ante, **Boraska Perica Vesna**. Genome-wide association analysis suggests novel loci underlying thyroid antibodies in Hashimoto's thyroiditis. 4th Congress of Croatian Geneticists with international participation, Krk, 26.-29. rujna 2018. (oralna prezentacija)
2018. Barić A, Brčić L, Gračan S, Škrabić V, Brekalo M, Šimunac M, Torlak Lovrić V, Anić I, Barbalić M, Zemunik T, Punda A, Boraska Perica V. Thyroglobulin antibodies are associated with symptom burden in patients with Hashimoto's thyroiditis. 41th Annual Meeting of the European Thyroid Association (ETA), 15.-18.09.2018., Newcastle, Velika Britanija.
2017. **Vesna Boraska Perica**, Luka Brčić, Ana Barić, Sanda Gračan, Dean Kaličanin, Ivana Gunjača, Vesela Torlak Lovrić, Marko Brekalo, Marta Radman, Veselin Škrabić, Ana Miljković, Ivana Kolčić, Stana Tokić, Mario Štefanić, Ljubica Glavaš-Obrovac, Ozren Polašek, Tatijana Zemunik, Maja Barbalić, Ante Punda. A genome-wide association analysis of Hashimoto's thyroiditis. American Society of Human Genetics Annual Meeting, Orlando, Florida, SAD, 17-21 listopada 2017. godine
2017. Brčić L, Barić A, Gračan S, Kaličanin D, Gunjača I, Torlak Lovrić V, Brekalo M, Radman M, Škrabić V, Tokić S, Štefanić M, Glavaš-Obrovac Lj, Zemunik T, Barbalić M, Punda A, Boraska Perica V. Genome-wide association analysis approach in identifying loci for complex diseases, an example for Hashimoto's thyroiditis. Second Adriatic Symposium on Biophysical Approaches in Biomedical Studies. Split, Croatia, September 24-28, 2017 (pozvano predavanje).

2017. Brčić L, Barić A, Gračan S, Gunjača I, Torlak Lovrić V, Brekalo M, Škrabić V, Zemunik T, Barbalić M, Punda A, Boraska Perica V. Genome-wide association analysis of thyroid volume and thyroid antibodies in Hashimoto's thyroiditis. Second Adriatic Symposium on Biophysical Approaches in Biomedical Studies. Split, Croatia, September 24-28, 2017 (sažetak je odabran za oralnu prezentaciju)
2017. Dean Kaličanin, Luka Brčić, Ana Barić, Sanja Zlodre, Maja Barbalić, Vesela Torlak Lovrić, Ante Punda, **Vesna Boraska Perica**. Genome-wide association analysis of food intolerance in patients with Hashimoto's thyroiditis. The 10th ISABS Conference in Forensic, Anthropologic and Medical Genetics and Mayo Clinic Lectures in Translational Medicine, Dubrovnik, Croatia (sažetak je odabran za oralnu prezentaciju)
2016. Barić A, Brčić L, Gračan S, Torlak Lovrić V, Gunjača I, Šimunac M, Boban M, Zemunik T, Polašek O, Barbalić M, Punda A, Boraska Perica V. Association of established hypothyroidism associated genetic variants with Hashimoto's thyroiditis. Annual Congress of the European Association of Nuclear Medicine, 15-19 October 2016, Barcelona, Spain
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 WTCCC3. 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:

2018. “Hormone and Metabolic Research”
2018. “European Journal of Human Genetics”
2017. “Cellular Physiology and Biochemistry”
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.-2019. „Biologija biljaka i životinja”, studij farmacije, **(voditelj predmeta)**
 2003.-2019. „Medicinska biologija” studij medicine
 2011.-2019. „Medical Biology” studij medicine na engleskom
 2007.-2019. „Medicinska biologija” studij dentalne medicine, **(voditelj predmeta)**
 2011.-2019. „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.-2018. „Genetička statistika i genomske baze podataka“ (predavanja, seminari, vježbe), doktorski studij „Translacijska istraživanja u biomedicini”, Medicinski fakultet Sveučilišta u Splitu **(voditelj predmeta)**
 2011. “Varijacije u genomu: doprinos nastanku složenih bolesti” (predavanja, seminari, vježbe), doktorski studij „Biomedicina i zdravstvo”, Medicinski fakultet Sveučilišta u Mostaru, Bosna i Hercegovina
 2007.-2009. „Citogenetika tumora” (seminar), poslijediplomski studij “Biologija novotvorina”, Medicinski fakultet Sveučilišta u Splitu

POVJERENSTVA:

2018. Povjerenstvo za doktorate pri Medicinskom fakultetu Sveučilišta u Splitu
 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
 2009.-2018. Zamjenica pročelnice Katedre

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

OSTALE AKTIVNOSTI:

2008. Volonter Plavog svijeta, međunarodni ljetni kamp za istraživanje i zaštitu rezidentne zajednice dobrog dupina *Tursiops truncatus* u sjevernom Jadranu

2004./2005. Sudjelovanje na međunarodnoj konferenciji "The Environmental Global Youth Gathering" u Dubai-u, UAE

2004. Volonter na ljetnom kampu na temu zaštite okoliša u NP Peneda-Geres, Portugal (15 dana)

2003. Sudionik ekološkog volonterskog kampa na Sveučilištu u Ankari - METU, Turska (15 dana)

1995. Član Reprezentacije Republike Hrvatske u Softball-u na pre-olimpijskim igrama u Haarlem-u, Nizozemska

SPOSOBNOSTI: Poznavanje rada na PC-u (Microsoft Office, specijalizirani programi: Plink, GenABEL, GWAMA, IMPUTE, SNPTEST, snalaženje u genomskim bazama podataka : NCBI, Genome Browser UCSC, Ensembl)

Ronilac R1 kategorije

Vozačka dozvola "B" kategorije

Slobodno penjanje - diploma

Split, siječanj, 2019.

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