

OSOBNNE INFORMACIJE

Ana Jerončić

ZVANJE

dipl. ing.

TITULA

Prof. dr. sc.

RADNO ISKUSTVO

05.2009 -

redoviti profesor

Sveučilište u Splitu, Medicinski fakultet, Šoltanska 2

-Zamjenica pročelnice Katedre za istraživanje u biomedicini i zdravstvu

-Sudjeluje u organiziranju nastave iz znanstvene metodologije i biostatistike na Katedri, voditeljica kolegija na dodiplomskim, diplomskim i doktorskim studijima

-Članica povjerenstva za doktorate, te odbora za procjenu prijedloga istraživanja u sklopu dokorskog studija Translacijska istraživanja u biomedicini (TRIBE)

-Znanstvena aktivnost - vodi dva znanstvena projekta, članica Upravnog odbora EU COST akcije i surađuje na nizu međunarodnih i nacionalnih projekata drugih istraživača

-Statistička urednica skupine Cochrane Oral Health iz Velike Britanije

11.1997 - 04.2009

znanstveni novak

Sveučilište u Splitu, Prirodoslovno-matematički fakultet

03.2008 - 07.2008

iskusni istraživač

Sveučilište u Zurichu, Institut za farmakologiju i toksikologiju, Švicarska

OBRAZOVANJE I OSPOBLJAVANJE

02.2005 - 07.2009

doktorat znanosti - molekularna biologija

Sveučilište u Zagrebu, Prirodoslovno-matematički fakultet

09.1998 - 11.2004

magisterij znanosti - molekularna biologija

Sveučilište u Zagrebu, Prirodoslovno-matematički fakultet

09.1992 - 03.1997

diplomirani inženjer molekularne biologije

Sveučilište u Zagrebu, Prirodoslovno-matematički fakultet

OSOBNNE VJEŠTINE

Materinski jezik hrvatski

Ostali jezici	RAZUMIJEVANJE		GOVOR		PISANJE
	Slušanje	Čitanje	Govorna interakcija	Govorna produkcija	
hrvatski	C1/2: Iskusni korisnik	C1/2: Iskusni korisnik	C1/2: Iskusni korisnik	C1/2: Iskusni korisnik	C1/2: Iskusni korisnik
engleski	C1/2: Iskusni korisnik	C1/2: Iskusni korisnik	C1/2: Iskusni korisnik	C1/2: Iskusni korisnik	C1/2: Iskusni korisnik
talijanski	A1/2: Početnik	A1/2: Početnik	A1/2: Početnik	A1/2: Početnik	A1/2: Početnik

Komunikacijske vještine -Dobre komunikacijske vještine stekla sam kroz suradnju s brojnim međunarodnim i nacionalnim istraživačkim i stručnim timovima, gdje sam uspješno komunicirala s različitim stručnjacima iz područja medicine i drugih znanstvenih disciplina.

-predajem kompleksne teme studentima diplomskih i doktorskih studija (primjenjenu biostatistiku, istraživačku metodologiju, informacijske tehnologije) uz visoke ocjene studenskih anketa

Organizacijske / rukovoditeljske vještine -Kao voditeljica HRZZ istraživačkog projekta i međunarodnog projekta iz EU INTERREG/PHARE programa, suvoditeljica radnog paketa/zadataka u EU COST projektu VascAgeNet i dva HORIZON projekta te voditeljica nacionalnih projekata iz programa za poticanje znanstvene izvrsnosti i inovacija „DominiST“ grada Splita i SD županija) bila sam/odgovorna sam za implementaciju projekata te upravljanje financijama (ukupno 2,5 mil KN), vremenom, opremom i ljudima (do 20 ljudi)

-Koodiniram provedbu nastave (20 suradnika i 600 studenta godišnje) u svojstvu voditeljice šest kolegija te zamjenice pročelnice Katedre za istraživanja u biomedicini i zdravstvu

-Koodinatorica radnog paketa za razvoj web-aplikacije u projektu RegPok "Croatian Clinical Trials Register" BICRO programa

-Članica organizacijskih odbora BIOMAG2010 (800 sudionika) te EMMIT 2010 (60 tak ispitanika)

Poslovne vještine -Iskustvo u provođenju sustavnih pregleda i meta-analiza stečeno tijekom izrade znanstvenih radova objavljenih u visokim čimbenicima odjeka, edukacije od strane vrhunskih stručnjaka u području, te podučavanja dokorskog studenta u svojstvu mentora

-Procjena kvalitete ustroja studija i analize podataka stečena istraživanjem u različitim poljima medicine i biologije na različitim problematikama – od epidemiologije infektivnih bolesti i populacijske genetike preko kardiovaskularne tematike, neuroznanosti, ginekologije, mikrobiologije, kirurgije i drugih; radom u povjerenstvu za doktorate i procjenom tema doktorskih disertacija, te podučavanjem studenata

-Analiza kvalitete kliničkih smjernica i njihove sinteze dokaza stečena istraživanjem kvalitete hrvatskih smjernica, edukacijom u okviru Cochrane kolaboracije te predavanjima na stručnim i znanstvenim skupovima

Računalne vještine

Napredne računalne vještine uključuju:

- Programiranje i izrada skripti: R, Fortran, Python, Perl, Bourne ljska, te MATLAB, SIMUPOP i SPSS;
- Rad u statističkim paketima SPSS, Medcalc, Comprehensive meta-analysis (CMA)
- Izrada web-aplikacija: HTML; CGI skripte
- Rad u bazama podataka: MySQL, MS Access;
- Rad na UNIX, Linux i Windows operativnim sustavima

Vozačka dozvola

B kategorije

DODATNE INFORMACIJE

Izdanja

Znanstveni radovi:

- 1Utrobičić DK, Karlica H, Jerončić A, et al. The prolongation latency of visual evoked potentials a pathological sign in children with Down's syndrome without ocular abnormalities? Case-control study of children with Down's syndrome. *BMJ Open Ophthalmology* 2023;8:e001074.
- 2Tintor G, Jukić M, Šupe-Domić D, Jerončić A, Pogorelić Z. Diagnostic Utility of Serum Leucine-Rich α -2-Glycoprotein 1 for Acute Appendicitis in Children. *J Clin Med*. 2023 Mar 23;12(7):2455.
- 3Tintor G, Jukić M, Šupe-Domić D, Jerončić A, Pogorelić Z. Diagnostic Accuracy of Leucine-Rich α -2-Glycoprotein 1 as a Non-Invasive Salivary Biomarker in Pediatric Appendicitis. *Int J Mol Sci*. 2023 Mar 23;24(7):6043.
- 4Podrug M, Koren P, Dražić Maras E, Podrug J, Čulić V, Perissiou M, Bruno RM, Mudnić I, Boban M, Jerončić A. Long-Term Adverse Effects of Mild COVID-19 Disease on Arterial Stiffness, and Systemic and Central Hemodynamics: A Pre-Post Study. *J Clin Med*. 2023 Mar 8;12(6):2123.
- 5Čulić V, Alturki A, Vio R, Proietti R, Jerončić A. Acute myocardial infarction triggered by physical exertion: a systematic review and meta-analysis. *Eur J Prev Cardiol*. 2023 Feb 15:zwad045.
- 6Podrug M, Šunjić B, Koren P, Đogaš V, Mudnić I, Boban M, Jerončić A. What Is the Smallest Change in Pulse Wave Velocity Measurements That Can Be Attributed to Clinical Changes in Arterial Stiffness with Certainty: A Randomized Cross-Over Study. *J Cardiovasc Dev Dis*. 2023 Jan 25;10(2):44.
- 7Podrug M, Šunjić B, Bekavac A, Koren P, Đogaš V, Mudnić I, Boban M, Jerončić A. The effects of experimental, meteorological, and physiological factors on short-term repeated pulse wave velocity measurements, and measurement difficulties: A randomized crossover study with two devices. *Front Cardiovasc Med*. 2023 Jan 11;9:993971.
- 8Kovačević T, Vrdoljak D, Petričević SJ, Buljan I, Sambunjak D, Krznarić Ž, Marušić A, Jerončić A. Factors Associated with the Quality and Transparency of National Guidelines: A Mixed-Methods Study. *Int J Environ Res Public Health*. 2022 Aug 3;19(15):9515.
- 9Formoso G, Jerončić A, Bonvicini L, Djurić O, Erdos J, Pezzarossi A, Ballini L. Synthesizing quantitative and qualitative information on multiple comparisons of health interventions to facilitate knowledge transfer: an example from an EUnetHTA multi-HTA. *Int J Technol Assess Health Care*. 2022 Feb 9;38(1):e20.
- 10Pogorelić Z, Gaberc T, Jukić M, Tintor G, Neveščanin Biliškov A, Mrklić I, Jerončić A. The Effect of Subcutaneous and Intraperitoneal Instillation of Local Anesthetics on Postoperative Pain after Laparoscopic Varicocelectomy: A Randomized Controlled Trial. *Children (Basel)*. 2021 Nov 13;8(11):1051.
- 11Malički M, Jerončić A, Aalbersberg IJ, Bouter L, Ter Riet G. Systematic review and meta-analyses of studies analysing instructions to authors from 1987 to 2017. *Nat Commun*. 2021 Oct 5;12(1):5840.
- 12Borges do Nascimento IJ, Jerončić A, Arantes AJR, Brady WJ, Guimarães NS, Antunes NS, Carim Junior G, Marcolino MS. The global incidence of in-flight medical emergencies: A systematic review and meta-analysis of approximately 1.5 billion airline passengers. *Am J Emerg Med*. 2021 Oct;48:156-164.
- 13Bosnjak Kuharić D, Marković D, Brković T, Jerić Kečalj M, Rubić Z, Vuica Vukasović A, Jerončić A, Puljak L. Cannabinoids for the treatment of dementia. *Cochrane Database Syst Rev*. 2021 Sep 17;9(9):CD012820.
- 14Mihanović J, Šikić NL, Mrklić I, Katušić Z, Karlo R, Jukić M, Jerončić A, Pogorelić Z. Comparison of new versus reused Harmonic scalpel performance in laparoscopic appendectomy in patients with acute appendicitis—a randomized clinical trial. *Langenbecks Arch Surg*. 2021 Feb;406(1):153-162.
- 15Malicki M, Jerončić A, Ter Riet G, Bouter LM, Ioannidis JPA, Goodman SN, Aalbersberg IJ. Preprint Servers' Policies, Submission Requirements, and Transparency in Reporting and Research Integrity Recommendations. *JAMA*. 2020 Nov 10;324(18):1901-1903.
- 16Zec M, Roje D, Matovinović M, Antičević V, Librenjak Škare L, Jerončić A, Puljak L, Madunić S, Meštrović Z. Vitamin B12 Supplementation in Addition to Folic Acid and Iron Improves Hematological and Biochemical Markers in Pregnancy: A Randomized Controlled Trial. *J Med Food*. 2020 Oct;23(10):1054-1059.
- 17Borges do Nascimento IJ, von Groote TC, and Jerončić A; International Task Force Network of Coronavirus Disease 2019 (InterNetCOVID-19). Clinical, laboratory and radiological characteristics and outcomes of novel coronavirus (SARS-CoV-2) infection in humans: A systematic review and series of meta-analyses. *PLoS One*. 2020 Sep 17;15(9):e0239235.
- 18Papes D, Jerončić A, Ozimec E. Redundancy and methodological issues in articles on COVID-19. *Eur J Clin Invest*. 2020 Jun 7;50(8):e13301.

- 19Borges do Nascimento IJ, ..., Jerončić A, ...Marcolino MS. Novel Coronavirus Infection (COVID-19) in Humans: A Scoping Review and Meta-Analysis. *J Clin Med*. 2020 Mar 30;9(4):941.
- 20Jerončić A, Nonković D, Vrbatović A, Hrabar J, Bušelić I, Martínez-Sernández V, Lojo Rocamonde SA, Ubeira FM, Jaman S, Jeličić EC, Amati M, Gomez Morales MA, Lukšić B, Mladineo I. Anisakis Sensitization in the Croatian fish processing workers: Behavioral instead of occupational risk factors? *PLoS Negl Trop Dis*. 2020 Jan 27;14(1):e0008038. doi: 10.1371/journal.pntd.0008038.
- 21Walsh T, Worthington HV, Glenny AM, Marinho VC, Jerončić A. Fluoride toothpastes of different concentrations for preventing dental caries. *Cochrane Database Syst Rev*. 2019 Mar 4;3:CD007868. doi: 10.1002/14651858.CD007868.pub3. [Epub ahead of print]
- 22Buljan I*, Jerončić A*, Malički M, Marušić M, Marušić A. How to choose an evidence-based medicine knowledge test for medical students? Comparison of three knowledge measures. *BMC Med Educ*. 2018 Dec 4;18(1):290. doi: 10.1186/s12909-018-1391-z.
- 23Jukić M, Pogorelić Z, Šupe-Domić D, Jerončić A. Comparison of inflammatory stress response between laparoscopic and open approach for pediatric inguinal hernia repair in children. *Surg Endosc*. 2018 Dec 3. doi: 10.1007/s00464-018-06611-y. [Epub ahead of print]
- 24Galić I, Pacifici A, Carbone D, Pacifici L, Jerončić A, Cameriere R. Age estimation by the Cameriere's normalized measurements (CNM) of the single permanent mandibular tooth on a panoramic radiograph. *Leg Med (Tokyo)*. 2017. 26:65-72
- 25Carev M, Kovačić A, Novak A, Tonkić M, Jerončić A. *Campylobacter jejuni* strains coresistant to tetracycline and ciprofloxacin in patients with gastroenteritis in Croatia. *Infect Dis (Lond)*. 2017. 49(4):268-276
- 26Jerončić A, Gunjaca G, Mrcic DB, Mudnic I, Brizic I, Polasek O, Boban M. Normative equations for central augmentation index: assessment of inter-population applicability and how it could be improved. *Sci Rep*. 2016; 6: 27016.
- 27Jerončić 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; 24(10): 1479-87.
- 28Papeš D, Jerončić A. Determining the effect of alpha-blockers in chronic prostatitis/chronic pelvic pain syndrome: systematic review and meta-analysis. Re: Giuseppe Magistro, Florian M.E. Wagenlehner, Magnus Grabe, Wolfgang Weidner, Christian G. Stief, J. Curtis Nickel. *Contemporary Management of Chronic Prostatitis/Chronic Pelvic Pain Syndrome*. *Eur Urol*. 2016; 70(6): e163-e165.
- 29Đogaš V, Donev DM, Kukolja-Taradi S, Đogaš Z, Ilakovac V, Novak A, Jerončić A. No difference in the intention to engage others in academic transgression among medical students from neighboring countries: a cross-national study on medical students from Bosnia and Herzegovina, Croatia, and Macedonia. *Croat Med J*. 2016 Aug 31;57(4): 381-91.
- 30Bogdanović Z*, Marinović-Terzić I*, Kuret S*, Jerončić A*, Bradarić N, Forempoher G, Polašek O, Anđelinović Š, Terzić J. The impact of IL-6 and IL-28B gene polymorphisms on treatment outcome of chronic hepatitis C infection among intravenous drug users in Croatia. *PeerJ*. 2016 Oct 25;4:e2576.
- 31Papeš D, Pasini M, Jerončić A. Issues in designing a randomized clinical trial for chronic prostatitis/chronic pelvic pain syndrome: Comment on Wang et al. Randomized controlled trial of levofloxacin, terazosin, and combination therapy in patients with category III chronic prostatitis/chronic pelvic pain syndrome. *Int Urol Nephrol*. 2016; 48:13-18.
- 32Papeš D, Pasini M, Jerončić A, Vargović M, Kotarski V, Markotić A, Škerk V. Detection of sexually transmitted pathogens in patients with chronic prostatitis/chronic pelvic pain: a prospective clinical study. *Int J STD AIDS*. 2017 Jan 1. [Epub ahead of print], doi: 10.1177/0956462417691440
- 33Pogorelić Z, Kostovski B, Jerončić A, Šušnjar T, Mrklić I, Jukić M, Jurić I. A Comparison of Endoloop Ligatures and Nonabsorbable Polymeric Clips for the Closure of the Appendicular Stump During Laparoscopic Appendectomy in Children. *J Laparoendosc Adv Surg Tech A*. 2017. 27(6):645-650.
- 34Pogorelić Z, Katić J, Mrklić I, Jerončić A, Šušnjar T, Jukić M, Vilović K, Perko Z. Lateral thermal damage of mesoappendix and appendiceal base during laparoscopic appendectomy in children: comparison of the harmonic scalpel (Ultracision), bipolar coagulation (LigaSure), and thermal fusion technology (MiSeal). *J Surg Res*. 2017. 212:101-107.
- 35Pogorelić Z, Brković T, Budimir D, Todorčić J, Košuljandić Đ, Jerončić A, Biočić M, Saraga M. Endoscopic placement of double-J ureteric stents in children as a

- treatment for primary hydronephrosis. *Can J Urol*. 2017. 24(3):8853-8858.
- 36Deletis V, Rogic M, Fernandez-Conejero I, Gabarros A, Jerončić A. Neurophysiologic markers in laryngeal muscles indicate functional anatomy of laryngeal primary motor cortex and premotor cortex in the caudal opercular part of inferior frontal gyrus. *Clinical Neurophysiology: official journal of the International Federation of Clinical Neurophysiology* 2014; 125(9): 1912-22.
- 37Degoricija M, Situm M, Korac J, Miljkovic A, Matic K, Paradzik M, Marinović Terzić I, Jerončić A, Tomić S, Terzić J. High NF-kappaB and STAT3 activity in human urothelial carcinoma: a pilot study. *World Journal of Urology* 2014; 32(6): 1469-75.
- 38Dogas V, Jerončić A, Marusic M, Marusic A. Who would students ask for help in academic cheating? Cross-sectional study of medical students in Croatia. *BMC Medical Education* 2014; 14: 1048.
- 39Kalinic D, Borovac Stefanovic L, Jerončić A, Mimica N, Dodig G, Delas I. Eicosapentaenoic acid in serum lipids could be inversely correlated with severity of clinical symptomatology in Croatian war veterans with posttraumatic stress disorder. *Croatian Medical Journal* 2014; 55(1): 27-37.
- 40Sunj M, Canic T, Jerončić A, Karelavic D, Tandara M, Juric S i sur. Anti-Mullerian hormone, testosterone and free androgen index following the dose-adjusted unilateral diathermy in women with polycystic ovary syndrome. *European Journal of Obstetrics, Gynecology, and Reproductive Biology* 2014; 179: 163-9.
- 41Sisko-Kraljevic K*, Jerončić A*, Mohar B, Punda-Polic V. Asymptomatic *Leishmania infantum* infections in humans living in endemic and non-endemic areas of Croatia, 2007 to 2009. *Euro surveillance : bulletin Europeen sur les maladies transmissibles = European communicable disease bulletin* 2013; 18(29): 20533.
- 42Sunj M, Canic T, Baldani DP, Tandara M, Jerončić A, Palada I. Does unilateral laparoscopic diathermy adjusted to ovarian volume increase the chances of ovulation in women with polycystic ovary syndrome? *Human Reproduction* 2013; 28(9): 2417-24.
- 43Markic J, Jerončić A, Polancec D, Bosnjak N, Markotic A, Mestrovic J i sur. CD15s is a potential biomarker of serious bacterial infection in infants admitted to hospital. *European Journal of Pediatrics* 2013; 172(10): 1363-9.
- 44Rogic M*, Jerončić A*, Bosnjak M, Sedlar A, Hren D, Deletis V. A visual object naming task standardized for the Croatian language: a tool for research and clinical practice. *Behavior Research Methods* 2013; 45(4): 1144-58. IF 2.928, Q1
- 45Punda-Polic V, Jerončić A, Mohar B, Sisko Kraljevic K. Prevalence of Toscana virus antibodies in residents of Croatia. *Clinical microbiology and infection: the official publication of the European Society of Clinical Microbiology and Infectious Diseases* 2012; 18(6): E200-3.
- 46Boraska V, Jerončić A, Colonna V, Southam L, Nyholt DR, Rayner NW i sur. Genome-wide meta-analysis of common variant differences between men and women. *Human Molecular Genetics* 2012; 21(21): 4805-15.
- 47Gunjaca G*, Jerončić A*, Budimir D, Mudnic I, Kolcic I, Polasek O i sur. A complex pattern of agreement between oscillometric and tonometric measurement of arterial stiffness in a population-based sample. *Journal of Hypertension* 2012; 30(7): 1444-52.
- 48Malicki M, Jerončić A, Marusic M, Marusic A. Why do you think you should be the author on this manuscript? Analysis of open-ended responses of authors in a general medical journal. *BMC Medical Research Methodology* 2012; 12: 189.
- 49Pehlic M, Vrkic D, Skrabic V, Jerončić A, Stipancic G, Urojc AS i sur. IL12RB2 gene is associated with the age of type 1 diabetes onset in Croatian family Trios. *PloS one* 2012; 7(11): e49133.
- 50Budimir D, Jerončić A, Gunjaca G, Rudan I, Polasek O, Boban M. Sex-specific association of anthropometric measures of body composition with arterial stiffness in a healthy population. *Medical Science Monitor: international medical journal of experimental and clinical research* 2012; 18(2): CR65-71.
- 51Marusic A, Bosnjak L, Jerončić A. A systematic review of research on the meaning, ethics and practices of authorship across scholarly disciplines. *PloS one* 2011; 6(9): e23477.
- 52Mudnic I, Budimir D, Jajic I, Boban N, Sutlovic D, Jerončić A i sur. Thermally treated wine retains vasodilatory activity in rat and guinea pig aorta. *Journal of Cardiovascular Pharmacology* 2011; 57(6): 707-11.
- 53Budimir D, Polasek O, Marusic A, Kolcic I, Zemunik T, Boraska V, Jerončić A i sur. Ethical aspects of human biobanks: a systematic review. *Croatian Medical Journal* 2011; 52(3): 262-79.
- 54Boban N, Jerončić A, Punda-Polic V. Outbreak of nosocomial bacteremias, caused by *Enterobacter gergoviae* and *Enterobacter aerogenes*, in the neonatal intensive care unit, case - control study. *SIGNA VITAE* 2011; 6(1): 27-32.
- 55Karanovic N, Pecotic R, Valic M, Jerončić A, Carev M, Karanovic S i sur. The

acute hypoxic ventilatory response under halothane, isoflurane, and sevoflurane anaesthesia in rats. *Anaesthesia* 2010; 65(3): 227-34.
56Juretic D, Jerončić A, Zucic D. Sequence analysis of membrane proteins with the Web server SPLIT. *Croatica Chemica Acta* 1999; 72(4): 975-997.
57Cerovac Z, Lucin (Jerončić) A, Sarcevic B, Kralj Z, Ban J. Human papillomaviruses DNA infection in head and neck squamous cell carcinomas detected by dot-blot hybridization. *Periodicum Biologorum* 1998; 100(4): 527-535.
58Juretic D, Jerončić A, Zucic D. Prediction of initiation sites for protein folding with alpha-helix preferences. *Periodicum Biologorum* 1999; 101(4): 339-347.
59Juretic D, Lučin (Jerončić) A. The preference functions method for predicting protein helical turns with membrane propensity. *Journal of Chemical Information and Computer Sciences* 1998; 38(4): 575-585.

Prezentacije

Predavanja na međunarodnim skupovima

- 1.Pulse wave velocity; European Association of Hypertension HT-Cardio Course, 31.01.-1.2.2020, Bled, Slovenia
- 2.History of scientific publishing requirements: a systematic review and meta-analyses of studies analysing instructions to authors; 6th World Conference on Research Integrity, 2-5.06.2019, Hong Kong, Kina
- 3.Normative Model for Central Augmentation Index-A Way to Identify People at Risk for Cardiovascular Disease? 2nd Adriatic Symposium on Biophysical Approaches in Biomedical Studies, Sep 24-28, 2017; Split, Croatia
- 4.Klinične smernice - trenutno stanje in kakovost informacij, ki temeljijo na dokazih. Zdravstveni razvojni forum 2017, Mar 8-9, 2017; Portorož, Slovenia
- 5.Clinical guidelines in dental medicine – development and implementation. 9th Croatian Cochrane Symposium, Jun 9-10, 2017, Split, Croatia
- 6.Statistical methods in bioinformatical engineering // TransMedRi Workshop: Critical evaluation of statistical analysis in scientific paper; 10-11. June 2011, Rijeka, Hrvatska
- 7.Fingerprinting the sleep-related memory processing in EEG spectra // NeuroMath COST Action BM0601: Neurodynamic insight into functional connectivity, cognition, and consciousness, 2010, Dubrovnik, Hrvatska
- 8.Homology of cation channel pore domains // MATH/CHEM/COMP 2003; 23.-28.06. 2003, Dubrovnik, Hrvatska
- 9.Prediction of protein folding initiation sites with alpha helix preferences // Young Scientist Travel Fellowships Symposium. 13-16 July 2000 satellite event of 18th International Congress of Biochemistry and Molecular Biology; 13-16. July 2000, Birmingham, UK

Pozvani sudionik okruglog stola u okviru međunarodne konferencije

- 1.Innovation Roundtable: Health in All Politics – A better future for Europe, 03. 10. 2017 u okviru European Health Forum Gastein; Gastein, Austria.
- 2.Hospital Days 2016. 28.-29.09.2016. Zagreb, Hrvatska Okrugli stol: Dijagnostičke smjernice u praksi. Pozvani govornici: Brkljačić, Boris; Bilić-Zulle, Lidija; Hennessey, Iain; Jerončić, Ana; URL: <http://hospital.in2.hr/Agenda/Speaker/1934>

Predavanja na domaćim skupovima

- 1.Procesi u potrazi za znanjem i rješenjima // ZDRAVSTVENI SUSTAVI I ZDRAVSTVENA POLITIKA, 5-8. srpnja 2017., Motovun, Hrvatska.
- 2.Vrednovanje kliničkih smjernica // ZDRAVSTVENI SUSTAVI I ZDRAVSTVENA POLITIKA, 5-9. srpnja 2016., Motovun, Hrvatska.
- 3.Modeliranje membranskih proteina // Bioinformatika IRB-2004, 10.12.2004., Zagreb, Hrvatska.

Projekti

ODABRANI ZNANSTVENI PROJEKTI

Projekti koji se bave arterijskom elastičnošću/centralnom hemodinamikom

1. Glavni istraživač: HRZZ, NormPreven: Normativni modeli vaskularnih biomarkera za unapređenje stratifikacije kardiovaskularnog rizika u primarnoj i sekundarnoj prevenciji, 2018-2022
2. Suprijaviteljica projekta i članica Upravnog odbora: EU projekt COST Action CA18216, VascAgeNet: Network for Research in Vascular Ageing, 2019-2023
3. Glavni istraživač: SD Županija – Program istraživanja i primjena inovacija, Istraživačko-gospodarska mreža za unapređenje dijagnostike starenja krvožilja, 2019-2023
4. Član konzorcija: I.E.M GmbH, Stolberg, Germany; International 24 hour aortic blood pressure consortium, unrestricted research grants

OSTALI PROJEKTI

Voditeljica projekta: EU Phare INTERREG IIIA program; SEA-EAS 'Archaeological and Environmental Sites', 2008-2008; dodijeljeno 108 500 EUR; Središnja Agencija za Financiranje i Ugovaranje je ocijenila projekt najboljim u okviru ovog poziva;

Suradnica na nizu znanstveno-istraživačkih projekata (navedena je formalizirana suradnja kao i neformalizirana suradnja koja je rezultirala zajedničkim radovima)

Međunarodni projekti

1. the European Commission - Health Programme, European Network for Health Technology Assessment Joint Action 3 (EUnetHTA JA3), Number 724130, 2016-2020 (suradnik)
2. H2020, SELFIE: Sustainable intEgrated care modeLS for multi-morbidity: delivery, Financing and pErformance, 2015-2019 (suradnik)
3. FP7-INFRASTRUCTURES-2010-1 Research Grant, European Sequencing and Genotyping Infrastructure (ESGI) project: "Understanding patterns of genome-wide heterozygosity in a sample of the Croatian isolated populations", 2013, Istraživač: Ozren Polašek
4. European Research Council, Starting Grant "Sequencing population isolates to find complex trait loci", 2011, Istraživač: Elephteria Zeggini
5. Marie Curie project: „The biomedical and sociological effects of sleep restriction“, 2008, Istraživač: Irene Tobler
6. COPE Research Grant - Systematic Review of Authorship, Istraživač: Ana Marušić

Nacionalni projekti

- HRZZ, EHUH: Epidemiologija hipertenzije i unos kuhinjske soli u Hrvatskoj, 2017-2020
- HRZZ, Biološki učinci vina: utjecaj vinifikacijske tehnologije, dealkoholizacije i starenja vina (HRZZ-8652), Istraživač: Mladen Boban
- HRZZ, Profesionalizam u zdravstvu (HRZZ-7672), Istraživačica: Ana Marušić
- MZOŠ, Determinants of health and disease in general and isolated human populations (216-1080315-0302), Istraživač: Ozren Polašek
- MZOŠ Patobiokemija glikosfingolipidnih antigena (šifra: 216-2160133-0066), Istraživač: Anita Markotić
- MZOŠ, Genetic epidemiology of type 1 diabetes mellitus in Croatian population (216-1080315-0293), Istraživač: Tatijana Zemunik
- MZOŠ, Cardiovascular effects of wine and its constituents (216-2160547-0537), Istraživač: Mladen Boban
- MZOŠ, Anthropod-borne pathogens in southern Croatia (216-0481153-1148), Istraživač: Volga Punda-Polić
- MZOŠ, Etiology and pathogenesis of PCOS – selection of therapy and metabolic consequences (108-0000000-0388), Istraživač: Dinka Pavičić Baldani, Medicinski fakultet, Zagreb
- UKF projekt, Neurophysiologic markers generated by electrical and magnetic stimulation of motor speech related cortical areas, Istraživač: Vedran Deletis, 15.7.2010 - 15.07.2012
- MZOŠ, Predviđanje strukture i djelovanja membranskih polipeptida, 1997-2005, Istraživač: Davor Juretić

Konferencije

Predavanja na međunarodnim konferencijama

1. Pulse wave velocity; European Association of Hypertension HT-Cardio Course, 31.01.-1.2.2020, Bled, Slovenia
2. History of scientific publishing requirements: a systematic review and meta-analyses of studies analysing instructions to authors; 6th World Conference on Research Integrity, 2-5.06.2019, Hong Kong, Kina
3. Normative Model for Central Augmentation Index-A Way to Identify People at Risk for Cardiovascular Disease? 2nd Adriatic Symposium on Biophysical Approaches in Biomedical Studies, Sep 24-28, 2017; Split, Croatia
4. Klinične smernice - trenutno stanje in kakovost informacij, ki temeljijo na dokazih. Zdravstveni razvojni forum 2017, Mar 8-9, 2017; Portorož, Slovenia
5. Clinical guidelines in dental medicine – development and implementation. 9th Croatian Cochrane Symposium, Jun 9-10, 2017, Split, Croatia
6. Fingerprinting the sleep-related memory processing in EEG spectra // NeuroMath COST Action BM0601: Neurodynamic insight into functional connectivity, cognition, and consciousness, 2010, Dubrovnik, Hrvatska
7. Homology of cation channel pore domains // MATH/CHEM/COMP 2003; 23.-28.06. 2003, Dubrovnik, Hrvatska
8. Prediction of protein folding initiation sites with alpha helix preferences // Young Scientist Travel Fellowships Symposium. 13-16 July 2000 satellite event of 18th International Congress of Biochemistry and Molecular Biology; 13-16. July 2000, Birmingham, UK

Pozvani sudionik okruglog stola u okviru međunarodne konferencije

1. Innovation Roundtable: Health in All Politics – A better future for Europe, 03. 10. 2017 u okviru European Health Forum Gastein; Gastein, Austria.
2. Hospital Days 2016. 28.-29.09.2016. Zagreb, Hrvatska Okrugli stol: Dijagnostičke smjernice u praksi. Pozvani govornici: Brkljačić, Boris; Bilić-Zulle, Lidija; Hennessey, Iain; Jerončić, Ana; URL: <http://hospital.in2.hr/Agenda/Speaker/1934>

Predavanja na domaćim konferencijama

1. Procesi u potrazi za znanjem i rješenjima // ZDRAVSTVENI SUSTAVI I ZDRAVSTVENA POLITIKA, 5-8. srpnja 2017., Motovun, Hrvatska.
2. Vrednovanje kliničkih smjernica // ZDRAVSTVENI SUSTAVI I ZDRAVSTVENA POLITIKA, 5-9. srpnja 2016., Motovun, Hrvatska.

Radovi u zbornicima na međunarodnim skupovima

Sažetci u zbornicima radova – objavljeni u Current Contents časopisima (oblici sudjelovanja: predavanje, poster)

1. Kalinić Dubravka; Mimica, Ninoslav; Jerončić, Ana; Lalovac, Miloš; Delaš, Ivančica. Association of pro-inflammatory cytokines with PTSD severity in patients treated with omega-3 supplementation – a pilot study // Abstracts of the 24th European Congress of Psychiatry ; European Psychiatry Vol 33. Amsterdam : Elsevier, 2016. S254-S254 (predavanje, međunarodna recenzija, sažetak, znanstveni).
2. Kalinić, Dubravka; Mimica Ninoslav; Jerončić, Ana; Nejašmić, Danijel; Lalovac, Miloš; Delaš, Ivančica. Association of pro-inflammatory cytokines with serum levels of fatty acid in patients with PTSD – a cohort study // Abstracts of the 29th ECNP Congress 17-20 September 2016, Vienna, Austria ; European Neuropsychopharmacology Vol 26, Supplement 2 / Linthorst, Astrid ; i sur. (ur.). Amsterdam : Elsevier, 2016. S618-S618 (poster, međunarodna recenzija, sažetak, znanstveni).
3. Jerončić, Ana; Đogaš, Zoran. (2010). Fingerprinting the sleep-related memory processing in EEG spectra // Conference Abstract: NeuroMath COST Action BM0601: Neurodynamic insight into functional connectivity, cognition, and consciousness / Šupek, Selma ; Babiloni, Fabio ; Magjarevic, Ratko (ur.). Dubrovnik, Croatia : Frontiers in Computational Neuroscience, 2010. 120-120 (predavanje, međunarodna recenzija, sažetak, znanstveni).
4. Đogaš, Zoran; Kardum, Goran; Jerončić, Ana; Bilobrk, J; Ipavec, N; Kustura, L. Effects of declarative and procedural learning on sleep stages and EEG power spectral analysis // Journal of Sleep Research Special Issue: Abstracts of the 19th Congress of the European Sleep Research Society, 9-13 September 2008, Glasgow, UK ; Journal of Sleep Research Vol 17 (Supp 1) / Derk-Jan, Dijk (ur.). Oxford : European Sleep Research Society, Blackwell Publishing, 2008. 264-264 (poster, međunarodna recenzija, sažetak, znanstveni).

5. Jerončić, Ana; Kardum, Goran; Dželalija, Mile; Đogaš, Zoran. Pitfall of automatic sleep stage detection // Journal of Sleep Research Special Issue: Abstracts of the 19th Congress of the European Sleep Research Society, 9-13 September 2008, Glasgow, UK ; Journal of Sleep Research Vol 17 (Suppl 1) / Derk-Jan, Dijk (ur.). Oxford : European Sleep Research Society, Blackwell Publishing, 2008. 229-229 (poster,međunarodna recenzija,sažetak,znanstveni).

Cjeloviti znanstveni radovi u zbornicima skupova s međunarodnom recenzijom
6. Rogić, Maja; Jerončić, Ana. Neurophysiologic Markers of Motor Speech Related Cortical Areas // 10th Oxford Dysfluency Conference ODC 2014, 17 - 20 July, 2014, Oxford, United Kingdom ; Book series: Procedia - Social and Behavioral Sciences Vol 193 / Millard, SK ; Rowley, DT ; Fenton, K (ur.). Amsterdam : ELSEVIER SCIENCE BV, 2015. 228-233 (poster,međunarodna recenzija,objavljeni rad,znanstveni).

Ostali sažetci u zbornicima radova s međunarodnom recenzijom (oblici sudjelovanja: predavanje, poster)

7. Jerončić, Ana; Mudnić, Ivana; Maričić, Ljiljana; Polašek, Ozren; Boban, Mladen. Wine and risk of cardiovascular diseases: could it include epigenetic mechanism? // Epi-Genetics: in dialogue with the genome / Allshire, Robin ; Bird, Adrian ; Bickmore, Wendy ; Collins, Tom ; Tollervey, David (ur.). Edinburgh : EpiGeneSys and The University of Edinburgh, 2015. 147-147 (poster,međunarodna recenzija,sažetak,znanstveni).

8. Carev, Merica; Novak, Anita; Jerončić, Ana*; Tonkic, Marija*. Combined ciprofloxacin and tetracycline resistance among *C. jejuni* human faecal isolates in the largest Croatian county: a cross-sectional study // 24th European Congress of Clinical Microbiology and Infectious Diseases, 10 – 13. svibnja 2014., Barcelona, Španjolska. (poster,međunarodna recenzija,sažetak,znanstveni).

9. Markić, Josko; Jerončić, Ana; i sur. (2013). Neutrophil CD15s is a potentially useful biomarker of serious bacterial infection // 24th Annual Meeting of the European Society of Paediatric and Neonatal Intensive Care - Abstracts CD. 12-15.06.2013, Rotterdam, Nizozemska. (poster,međunarodna recenzija,sažetak,znanstveni).

10. Peklić, Maja; Rogić, Maja; Jerončić Ana. (2012). Interruption of vocalization by navigated transcranial magnetic stimulation (nTMS) of M1 for laryngeal muscles // 4th International symposium on Navigated Brain Stimulation in Neurosurgery, 16-17.11.2012. Berlin, Njemačka. (poster,međunarodna recenzija,sažetak,znanstveni).

11. Rogić, Maja; Fernandez-Conejero, Isabel; Jerončić, Ana. (2012). Neurophysiologic markers of M1 for laryngeal muscles and opercular part of Broca's area elicited by magnetic and electrical stimulation. // 4th International symposium on Navigated Brain Stimulation in Neurosurgery, 16-17.11.2012. Berlin, Njemačka. (poster,međunarodna recenzija,sažetak,znanstveni).

12. Peklić Maja; Rogić, Maja; Deletis Vedran; Jerončić Ana. (2011). Methodology for analysing EMG and phonogram from laryngeal muscles during interruption of vocalization by navigated transcranial magnetic stimulation (nTMS). // 3rd Congress International Society of Intraoperative Neurophysiology (ISIN), 15-17.11.2011, Barcelona, Spain. (poster,međunarodna recenzija,sažetak,znanstveni).

13. Boraska, Vesna; Jerončić, Ana; Colonna, Vincenza i sur. (2011). Genome-wide meta-analysis of autosomal SNP differences between men and women // Poster Abstracts: 12th International Congress of Human Genetics/61st Annual Meeting of The American Society of Human Genetics, 11-15. 10. 2011. Montreal, Canada. 399F-399F (poster,međunarodna recenzija,sažetak,znanstveni).

15. Zoranić, Larisa; Jerončić, Ana; Juretić, Davor. (2005). Transmembrane helices predictor - the upgrade of the SPLIT algorithm // 1st South Eastern European Workshop on Practical Approaches to Computational Biology, Opatija, Hrvatska, 1-4.09.2005.

16. Jerončić, Ana; Juretić, Davor. (2004). Database of pore domain models from cationic channels // 19th International Course and Conference on the Interfaces among Mathematics, Chemistry and Computer Sciences MATH/CHEM/COMP/2004 , 21-26 June 2004, Dubrovnik, Hrvatska / Graovac, Ante (ur.). Zagreb : Institut Ruđer Bošković, 2004. 30 (poster,međunarodna

recenzija, sažetak, znanstveni.

17. Zoranić, Larisa; Jerončić, Ana; Juretić, Davor. (2003). Hydrophobic moments of voltage sensors in cation channels // 18th International Course and Conference on the Interfaces among Mathematics, Chemistry and Computer Sciences MATH/CHEM/COMP/2003, 23-28 June 2003, Dubrovnik, Hrvatska/ Book of Abstracts: Graovac, Ante; Pokrić, Biserka; Smrečki, Vilko (ur.). Zagreb: Ruđer Bošković Institute, 2003. 95 (poster, međunarodna recenzija, sažetak, znanstveni).

18. Jerončić, Ana; Juretić, Davor. (2003). Homology of cation channel pore domains // 18th International Course and Conference on the Interfaces among Mathematics, Chemistry and Computer Sciences MATH/CHEM/COMP/2003, 23-28 June 2003, Dubrovnik, Hrvatska/ Graovac, Ante (ur.). Zagreb: Institut Ruđer Bošković, 2003. 45 (pozvano predavanje, međunarodna recenzija, sažetak, znanstveni).

19. Zoranić, Larisa; Jerončić, Ana; Juretić, Davor. Hydrophobic moments of voltage sensors in cation channels // MATH/CHEM/COMP 2003 Book of Abstracts / Graovac, Ante; Pokrić, Biserka; Smrečki, Vilko (ur.). Zagreb: Ruđer Bošković Institute, 2003. 95 (poster, međunarodna recenzija, sažetak, znanstveni).

20. Jerončić, Ana; Juretić, Davor. Prediction of the pore domain of P-segment-containing ion channels // MATH/CHEM/COMP 2002 / Graovac, Ante; Plavšić, Dejan; Pokrić, Biserka; Smrečki, Vilko (ur.). Zagreb: Ruđer Bošković Institute, 2002. 34-34 (poster, međunarodna recenzija, sažetak, znanstveni).

21. Jerončić, Ana. (2000). Prediction of protein folding initiation sites with alpha helix preferences // 18th International Congress of Biochemistry and Molecular Biology. 16-20 July 2000, Birmingham, United Kingdom. Abstracts/ Wood, Ed; Vella, Frank (ur.). Biochem Soc Trans. 2000 Oct; 28(5): A97-493 (pozvano predavanje, međunarodna recenzija, sažetak, znanstveni).

22. Zucić, Damir; Juretić, Davor; Jerončić, Ana. GARLIC-Free, Open Source Molecular Visualization Program // MATH/CHEM/COMP 2000 / Graovac, Ante; Plavšić, Dejan; Pokrić, Biserka; Smrečki, Vilko (ur.). Zagreb: Ruđer Bošković Institute, 2000. 112 (poster, međunarodna recenzija, sažetak, znanstveni).

23. Zucić, Damir; Juretić, Davor; Jerončić, Ana. The Secondary Structure of Porin-Like Proteins: Rules for Fast Prediction // MATH/CHEM/COMP'99 / Graovac, Ante (ur.). Zagreb, 1999. (poster, međunarodna recenzija, sažetak, znanstveni).

C. Radovi u zbornicima na domaćim skupovima
Sažetci u zbornicima radova - domaći skupovi s međunarodnim sudjelovanjem (oblik sudjelovanja: poster)

24. Kovačević, Tanja; Jerončić, Ana; Vrdoljak, Davorka; Jurić Petričević, Slavica; Krznarić, Željko; Marušić, Ana. Quality of evidence-based practice guidelines published in Croatia, 2004-2014: evaluation using the AGREE II tool // 8th Croatian Cochrane Symposium / Cochrane Croatia (ur.). Split: Cochrane Croatia, 2016. 7-7 (poster, domaća recenzija, sažetak, znanstveni).

25. Gunjaca, Grgo; Jerončić, Ana; Budimir, Danijela; Mudnić, Ivana; Polasek, Ozren; Boban, Mladen. (2013). External validation of the gender specific equation for augmentation index on the Croatian low risk population sample facilitates identification of high cardiovascular risk subjects // 7th Croatian Congress of Pharmacology With International Participation, 18-21.09.2013, Zagreb, Hrvatska. / Periodicum Biologorum / Vitale, Branko (ur.). Zagreb: Hrvatsko prirodoslovno društvo, 2013. 53-53 (poster, domaća recenzija, sažetak, znanstveni).

26. Jerončić, Ana; Juretić, Davor. (2004). Collection of Pore Domain Models from Cationic Channels - Tendencies in Ion Channel Research // HDBMB 2004: Congress of the Croatian Society of Biochemistry and Molecular Biology with International Participation, September 30-October 2, 2004, Bjelolastica, Croatia/ Croatica Chemica Acta 2005, 78(3) (poster, domaća recenzija, sažetak, znanstveni).

27. Jerončić, Ana; Juretić, Davor. Prediction of P-segment containing pore domain of ion channels // 1st Croatian Congress of Molecular Life Sciences with international participation / Dumić, Jerka (ur.). Zagreb: Farmaceutsko-biokemijski fakultet, 2002. 109-109 (poster, domaća recenzija, sažetak, znanstveni).

Seminari

1. Statistical methods in bioinformatical engineering // TransMedRi Workshop: Critical evaluation of statistical analysis in scientific paper; 10-11. June 2011, Rijeka, Hrvatska (predavanje, stručni)
2. Jerončić, Ana; Acherman, Peter. (2009). Automatic spindle detector for infant data // Conference Abstract: International Seminar and Workshop on "Complex Dynamics in Large-Scale Interacting Brain Systems: Towards Physical Models of Sleep and Consciousness" / Peter Achermann, Eckehard Olbrich, Thomas Wenekers (ur.) Njemačka, Dresden, 08.-25.06.2009. (poster, međunarodna recenzija, sažetak, znanstveni).
3. Modeliranje membranskih proteina // Bioinformatika IRB-2004, 10.12.2004., Zagreb, Hrvatska.

Priznanja i nagrade

2016. Državna nagrada za znanost u polju biomedicine za značajna znanstvena postignuća u interdisciplinarnoj primjeni biostatističkih modela i bioinformatičkih metoda u kliničkim studijama
2016. Nagrada za najbolji znanstveni rad u 2016. godini – Sveučilište u Splitu, Medicinski fakultet
2016. Dotacija za izvrsnost Grada Splita
- 2014.-2018. Dotacija za izvrsnost Sveučilišta u Splitu, Medicinski fakultet (MEFST je ukinuo dotaciju 2019. godine)
2014. Koautor na radu koji je za znanstvenu izvrsnost nagradila Hrvatska akademija medicinskih znanosti u 2014. godini (Sunj M et al. Hum Reproduction 2013, 28 (9): 2417-24.)
2008. – 2008. Marie Curie stipendist, Sveučilište u Zurichu, Institut za farmakologiju i toksikologiju, Švicarska
2007. – 2010. Marie Curie Trainee Fellowship (ukupno trajanje 3 tjedna) - ESRS-EU Marie Curie Project Training in Sleep Research and Sleep Medicine
2000. Young Scientists Fellowship – 18. Međunarodni kongres biokemije i molekularne biologije, Birmingham, Velika Britanija; stipendiju dodjeljuje International Union of Biochemistry and Molecular Biology, Federation of European Biochemical Societies and Biochemical Society

Članstva

- Cochrane Hrvatska
- Hrvatsko društvo za biokemiju i molekularnu biologiju
- Hrvatsko biofizičko društvo
- Hrvatsko društvo za neuroznanost

Preporuke

- Mladen Boban, Pročelnik Zavoda za farmakologiju, Sveučilište u Splitu, Medicinski fakultet; predsjednik Hrvatskog društva farmakologa i predsjednik Matičnog odbora za polje biomedicine;
- Ana Marušić, pročelnica Katedre za istraživanja u biomedicini i zdravstvu, Sveučilište u Splitu, Medicinski fakultet; članica Cochrane Scientific Committee i jedna od dva glavna urednika međunarodnog znanstvenog časopisa Journal of Global Health
- Ilmoniemi Risto, Head of Department of Neuroscience and Biomedical Engineering, Aalto University School of Science; akademik - Academy of Finland