

CURRICULUM VITAE

Prof. LIVIA PULJAK, MD, PhD

Affiliation

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Personal information

Birth date: October 25, 1977
Birth place: Split, Croatia
Family status: Married, one child



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Web of Science ResearcherID: D-5080-2017
Scopus Author ID: 23668498800

Education

2008 PhD, University of Split School of Medicine, Croatia
2002 MD, University of Zagreb, Medical Studies in Split, Croatia

Work experiences

2020 – Head, Center for Evidence-Based Medicine and Healthcare, Catholic University of Croatia, Zagreb, Croatia
2018 – Full Professor, Catholic University of Croatia, Zagreb, Croatia
2011 – Deputy Director, Translational Research in Biomedicine – PhD Program, USSM
2016 – 2018 Senior Advisor, Agency for Quality and Accreditation in Health Care, Croatia
2013 – 2018 Associate Professor, University of Split School of Medicine, Croatia (USSM)
2013 – 2017 Head, Department of Histology and Embryology, USSM
2011 – 2013 Head, Laboratory for Pain Research, USSM
2010 – 2011 Vice Dean for Research, University of Split School of Medicine, Croatia
2009 – 2013 Assistant Professor, University of Split School of Medicine, Croatia
2008 – 2009 Director, Croatian Branch of The Cochrane Collaboration
2007 – 2009 Research Officer, University of Split, Croatia
2006 – 2009 Instructor, University of Split School of Medicine, Croatia
2004 – 2006 Postdoctoral fellow, University of Texas Southwestern Medical Center, Dallas, USA
2003 – 2004 Postdoctoral fellow, University of Colorado Health Sciences Center, Denver, USA

Training

2016 Visiting scientist, Centre for Practice Changing Research, OHRI, Ottawa, Canada
2008 Scholar, European Pain School, Siena, Italy
2007 Guest scientist, University of Ottawa, Canada
2002 Student exchange, Nijmegen Center for Molecular Life Sciences, The Netherlands

Research interests

Research methodology, Evidence synthesis, Evidence-based medicine, Clinical epidemiology, Pain

Professional service

2021 – Ethics Committee, Catholic University of Croatia
2019 – Research Committee, Catholic University of Croatia
2018 – Scientific Advice Working Party (SAWP), European Medicines Agency
2009 – Knowledge Translation Coordinator, Cochrane Croatia
2021 Strategic Action Plan Committee, Catholic University of Croatia
2020 - 2021 Senate Member, Catholic University of Croatia
2018 – 2020 Pharmacovigilance Risk Assessment Committee (PRAC), European Medicines Agency; Independent expert appointed by European Commission
2018 Committee for Safety of Patients in Republic Croatia, Ministry of Health, Croatia

2016 – 2018	Committee for Safe Use of Medicines, Agency for Medicinal Products and Medical Devices (HALMED)
2013 – 2019	Translation project manager, Cochrane Croatia
2011 – 2018	Board of Directors, Zeljko J. Bosnjak Foundation
2010 – 2018	Committee for Continuous Medical Education, School of Medicine in Split
2010 – 2017	Festival of Science, Organizing Committee, University of Split
2010 – 2014	Fame Lab, Organizing Committee, University of Split
2014 - 2016	President, Doctoral School, University of Split School of Medicine
2013 – 2015	Researchers' Night, Organizing Committee, University of Split
2011 – 2012	Scientific Committee, Bridges in Life Sciences Annual Conference
2010 – 2011	Committee for Research, School of Medicine in Split
2008 – 2010	European Science Foundation (ESF) Member Forum on Research Integrity, Chair of Working Group for Research on Research Integrity
2008 – 2009	Quality Assurance Committee, School of Medicine in Split

Grants

2022	Co-lead. Synergistic education of parents with children with special needs – SynergyEd. Erasmus+ project.
2022	Management Committee. COST Action CA21150: Parental Leave Policies & Social Sustainability (Sustainability@Leave).
2020 -	Project collaborator, Research Projects – Slovenian-Croatian bilateral projects (principal investigator: Prof. Ines Banjari)
2020 -	Project collaborator, Professionalism in health: decision making in practice and research; HRZZ-IP-2019-04-4882 (principal investigator: Prof. Ana Marušić)
2019	Project participant, Promoting integrity in the use of research results in evidence based policy: a focus on non – medical research (PRO-RES) (H2020-SwafS-2016-17)
2018 -	Project Co-Applicant, COST Action CA17117: Towards an International Network for Evidence-based Research in Clinical Health Research, EVBRES (COST)
2016 - 2020	Project participant: European network for Health Technology Assessment Joint Action 3 (EUnetHTA JA3), Number 724130
2015 -2019	Project participant: Sustainable integrated care models for multi-morbidity: delivery, financing and performance, SELFIE , Number 634288 (Horizon 2020)
2017	Project Coordinator, Popularization of science grant (MZOS)
2016	Project Coordinator, Popularization of science grant (MZOS)
2016	Project Mentor, Young Scientist Career Development (HRZZ, I-2238-2016)
2015 - 2017	Clinical site coordinator, Multi-dimensional omics approach to stratification of patients with low back pain; Pain-OMICS (EU FP7 project)
2015 - 2019	Project collaborator, Professionalism in health; HRZZ-IP-2014-09-7672 (principal investigator: Prof. Ana Marušić)
2015 - 2019	Project collaborator, Treating neuropathic pain with dorsal root ganglion stimulation; HRZZ-IP-2013-11-4126 (principal investigator: Prof. Damir Sapunar)
2014	Project Coordinator, Popularization of science grant (MZOS)
2013	Project Coordinator, Popularization of science grant (MZOS)
2010 – 2013	Principal Investigator, Molecular Memory in Diabetic Neuropathy (MEMODIN); Installation research Projects, 02.05./28 (HRZZ)
2011 - 2012	Project Mentor, Unity Through Knowledge 2A (UKF)
2009 – 2010	Project Coordinator, Initiative for Improving Pain Education Grant (IASP)
2007 – 2009	Project Manager, Capacity Building for Research in Croatia (TEMPUS JEP)

Awards and recognitions

2023	Top 1% of world scientists in 2022 and top 2% in the entire career, based on citation impact (https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/6)
2023	Award for research accomplishments, Catholic University of Croatia
2022	The best PhD mentor. TRIBE program, University of Split School of Medicine.
2022	Award for research accomplishments, Catholic University of Croatia
2022	Top 1% of world scientists in 2021 and top 2% in the entire career, based on citation impact (https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/)
2021	Top 1% of world scientists in 2020 and top 2% in the entire career, based on citation impact (https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/3)
2020	Top 2% of world scientists in 2019 based on citation impact (https://bit.ly/3pVhUE6)
2020	Bill Silverman Prize, awarded by the Cochrane

2019	Top peer reviewer, Publons
2018	The best published manuscript in clinical medicine, University of Split School of Medicine
2017	Chris Silagy Prize, awarded by the Cochrane
2015	Award for science promotion. University of Split School of Medicine.
2013	The best poster award. Scandinavian Pain Association Meeting.
2005	Abstract of the year. American Association for the Study of Liver Diseases.

Teaching experience

- *Jagiellonian University, Krakow, Poland*: Visiting professor. Systematic reviews in health sciences - practical workshops
- *Catholic University of Croatia*: Writing a research manuscript, Quantitative research methods, Qualitative research methods, Principles of research in nursing
- *University of Split School of Medicine*: Histology and Embryology, Writing a research paper, Communication and presentation skills, Assessment of a research article, Cochrane library and evidence in medicine, Systematic review and meta-analysis, Empathy and pain, The Cochrane library, The puzzle of pain, Fertilization
- *Medical School Mostar, Bosnia and Herzegovina*: Principles of research in medicine, The puzzle of pain
- *University of Tuzla School of Medicine, Bosnia and Herzegovina*: Evidence-based medicine
- *University of Granada*: Evidence-Based Research
- *Continuous Medical Education Courses*: Croatian Cochrane Symposium (Split, Croatia), Interprofessional treatment of Pain (Split and Šibenik, Croatia), Writing a research manuscript (Konjic, Bosnia and Herzegovina)
- *Presentations at professional symposia*: Health inWest 2013 (Zagreb, Croatia), Summer school of health promotion "Media and Health" 2013 (Grozňjan, Croatia), Metabolic syndrome congress 2013 (Osijek, Croatia)

Educational software

Saraga-Babić M, Sapunar D, **Puljak L**, Vukojević K, Lovrić Kojundžić S. Histology Atlas. Virtual Medical School, 2007.

Memberships in professional associations

International Association for the Study of Pain (IASP)
 Croatian Evidence-Based Medicine Society (EBM Society Croatia)
 Croatian Medical Association (*Hrvatski liječnički zbor, HLZ*)
 Croatian Pain Management Society (*Hrvatsko društvo za liječenje boli, HDLB*)

Mentored graduate students (21 PhD and 2 MSc theses)

2023	Antonija Hrkać, Doctoral thesis, University of Mostar
2022	Danijel Nejašmić, Doctoral thesis, University of Split
2021	Mirko Gabelica, Doctoral thesis, University of Split
2021	Marina Krnić Martinić, Doctoral thesis, University of Split
2021	Ivana Vuka, Doctoral thesis, University of Split
2021	Andrija Babić, Doctoral thesis, University of Split
2021	Ognjen Barčot, Doctoral thesis, University of Split
2020	Lenko Šarić, Doctoral thesis, University of Split
2020	Marina Biočić, Doctoral thesis, University of Split
2020	Edita Runjić, Doctoral thesis, University of Split
2019	Mišo Krstičević, Doctoral thesis, University of Split
2018	Svjetlana Došenović, Doctoral thesis, University of Split
2018	Krste Boric, Doctoral thesis, University of Split
2018	Tonći Brković, Doctoral thesis, University of Split
2018	Mahir Fidahić, Doctoral thesis, University of Tuzla
2018	Filipa Markotić, Doctoral thesis, University of Split
2015	Mladen Lešin, Doctoral thesis, University of Split
2015	Matija Borić, Doctoral thesis, University of Split
2014	Antonia Jeličić Kadić, Doctoral thesis, University of Split
2013	Lejla Ferhatović, Doctoral thesis, University of Split
2012	Filipa Markotić, Master of Science thesis, University of Mostar
2011	Katarina Novak, Doctoral thesis, University of Split
2011	Suzyen Kraljević, Master of Science thesis, University of Split

Mentored undergraduate students (45 theses)

2023	Daniel Rehlicki, Master of Nursing thesis; Catholic University of Croatia
2023	Kristina Kraljić, Master of Nursing thesis; Catholic University of Croatia
2023	Karlo Ložnjak, Master of Nursing thesis; Catholic University of Croatia
2023	Valentina Koščak, Master of Nursing thesis; Catholic University of Croatia
2022	Mia Plenković, Master of Nursing thesis; Catholic University of Croatia
2022	Blaženka Pavličić, Master of Nursing thesis; Catholic University of Croatia
2022	Anica Svalina, Master of Nursing thesis; Catholic University of Croatia
2021	Darko Novak, Master of Nursing thesis; Catholic University of Croatia
2021	Josip Strčić, Master of Nursing thesis; Catholic University of Croatia
2021	Jelena Bilić, Master of Nursing thesis; Catholic University of Croatia
2021	Renata Runjić, MD Thesis, University of Split
2020	Andria Dujmić, MD Thesis, University of Split
2020	Marija Franka Marušić, MD Thesis, University of Split
2020	Mate Maretić, Master of Nursing thesis; Catholic University of Croatia
2019	Nys Siebers, MD Thesis, University of Split
2018	Katarina Matičić, Master of Pharmacy Thesis, University of Split
2018	Antonija Penić, Master of Pharmacy Thesis, University of Split
2018	Clemens Janda-Martinac, MD Thesis, University of Split
2018	Ivana Propadalo, Doctor of Dental Medicine Thesis, University of Split
2017	Tonkica Škugor, Master of Pharmacy Thesis, University of Split
2017	Ivana Utrobičić, Master of Pharmacy Thesis, University of Split
2017	Nikolina Markovina, Master of Pharmacy Thesis, University of Split
2017	Katja Janačković, Master of Pharmacy Thesis, University of Split
2017	Anja Engelking, MD Thesis, University of Split
2016	Goran Tintor, MD Thesis, University of Split
2016	Nikolina Gabelica, Master of Pharmacy Thesis, University of Split
2016	Anamarija Vučko, Master of Pharmacy Thesis, University of Split
2016	Ana Tokić, Master of Pharmacy Thesis, University of Split
2016	Marija Radman, Master of Pharmacy Thesis, University of Split
2016	Karmen Dragičević, MD Thesis, University of Split
2016	Marin Viđak, MD Thesis, University of Split
2016	Nives Surjan, Master of Pharmacy Thesis, University of Split
2015	Petra Jurkić, Master of Pharmacy Thesis, University of Split
2015	Marina Biočić, MD Thesis, University of Split
2015	Krste Borić, MD Thesis, University of Split
2014	Andrea Anić-Matić, MD Thesis, University of Split
2014	Katarina Dogan, MD Thesis, University of Split
2013	Ivan Škopljanac, MD Thesis, University of Split
2012	Andrija Babić, MD thesis, University of Split
2012	Marko Brekalo, MD thesis, University of Split
2012	Roberta Andrea Tešija, MD thesis, University of Split
2012	Eliana Brković, MD thesis, University of Split
2011	Karolina Balajić, MD thesis, University of Split
2011	Antonija Marić, Master of Nursing thesis, University of Mostar
2011	Ankica Ćosić, Master of Nursing thesis, University of Mostar

Reviews and evaluations

Reviewer of research projects: COST, FP7, Horizon 2020, The Netherlands Organisation for Scientific Research (NWO); Croatian Science Foundation (HRZZ), Polish National Science Center (NCN), La Caixa Foundation, ERA PerMed Personalised Medicine: Multidisciplinary Research Towards Implementation, UKRI future leadership fellowships, UK Medical Research Council.

Reviewer at symposia: Bridges in Life Sciences, Cochrane Colloquium, Croatian Cochrane Symposium

Reviewer of doctoral theses: School of Medicine at University of Josip Juraj Strossmayer Osijek Croatia, School of Medicine at University of Rijeka in Croatia, University of Split School of Medicine,

School of Medicine at University of Mostar in Bosnia and Herzegovina, The Polytechnic University of Catalonia (UPC: Universitat Politècnica de Catalunya), The University of Paris (Université de Paris)

Peer-reviewer for scholarly journals (N=166)

ACS Chemical Neuroscience; Acta Anaesthesiologica Scandinavica; Acta Histochemica; Acta Medica Academica; Acta Medica Croatica; Acupuncture in Medicine; Advances in Health Sciences Education; Advances in Medical Education and Practice; Advances in Therapy; Alcohol and Alcoholism; American Journal of Case Reports; American Journal of Kidney Diseases; Anatomical Sciences Education; Anesthesia & Analgesia; Archives of Disease in Childhood; Archives of Physical Medicine and Rehabilitation; Archives of Physiology & Biochemistry; Artificial Intelligence in Medicine; Biological Psychiatry; Biopolymers and Cell; BMC Anesthesiology; BMC Medical Education; BMC Musculoskeletal Disorders; BMC Psychology; BMJ; BMJ Evidence-Based Medicine; BMJ Open; BMJ Open Quality; Bosnian Journal of Basic Medical Sciences; Brazilian Journal of Physical Therapy; British Journal of Dermatology; British Journal of Medicine and Medical Research; Cancer Biology & Medicine; Cardiovascular Diabetology; Cephalalgia; Chronic Diseases and Translational Medicine; Clinical and Experimental Dental Research; Clinical and Experimental Dermatology; Clinical Epidemiology; Clinical Pharmacology & Therapeutics; Clinical Interventions in Aging; Clinical Science; ClinicoEconomics and Outcomes Research; Cochrane Database of Systematic Reviews; Collegium Antropologicum; Complementary Therapies in Medicine; Croatian Medical Journal; Current Medical Research & Opinion; Diabetes and Vascular Disease Research; Diagnostics; Drug, Healthcare and Patient Safety; Drug Safety; Drugs; Drugs – Real World Outcomes; EClinicalMedicine; Educational Research; EURASIA Journal of Mathematics, Science and Technology Education; European Journal of Dental Education; European Journal of Pain; European Science Editing; Experimental Gerontology; Experimental and Molecular Pathology; Expert Review of Medical Devices; Expert Review of Neurotherapeutics; Expert Review of Proteomics; F1000; Family Medicine; Gastroenterology Research and Practice; Indian Heart Journal; International Health; International Journal of Behavioral Medicine; International Journal of Developmental Neuroscience; International Journal of Electrical and Computer Engineering (IJECE); International Journal of Evidence-Based Healthcare; International Journal of Pharmacy Practice; International Journal of Preventive Medicine; International Journal of Sports Medicine; International Medical Case Reports Journal; JMIR Formative Research; JMIR mHealth and uHealth (JMU); JMIR Medical Education; JMIR Research Protocols; Journal of Anesthesia & Clinical Care; Journal of Child & Adolescent Mental Health; Journal of Clinical Anesthesia; Journal of Clinical Epidemiology; Journal of Comparative Effectiveness Research; Journal of Disease and Global Health; Journal of Drug Assessment; Journal of Educational Administration and Policy Studies; Journal of Endocrinology; Journal of Evidence-Based Medicine; Journal of Functional Foods; Journal of Global Health; Journal of Health Psychology; Journal of Herbal Medicine; Journal of International Medical Research; Journal of Interprofessional Care; Journal of Medical Education and Curricular Development; Journal of Medical Internet Research; Journal of Medical Systems; Journal of Multidisciplinary Healthcare; Journal of Neurosciences in Rural Practice; Journal of Nursing Scholarship; Journal of Nutrition, Health and Aging; Journal of Pain Research; Journal of Physiology and Biochemistry; Journal of the Knowledge Economy; Journal of the Medical Library Association; Khyber Medical University Journal; Liječnički vjesnik; Macedonian Journal of Medical Sciences; Materials Science & Engineering C; Med (Cell Press); Medical & Biological Engineering & Computing, Medical Education, Medical Humanities; Medical Science Monitor; Medicinski glasnik; Microscopy and Microanalysis; Molecular Neurobiology; Molecular Pain; Neurobiology of Disease; Neuromodulation: Technology at the Neural Interface; Neuroscience; Neuroscience Letters; Nurse Education Today; Obesity Reviews; Open Access Journal of Sports Medicine; Open Access Rheumatology: Research and Reviews; Open Medicine; Ophthalmology; Osteoarthritis and Cartilage; Pain and Therapy; Pain Management; Pain Research and Management; Pain Practice; Patient Preference and Adherence; PeerJ; Pharmacological Reports; PharmaNutrition; Phytomedicine; PLoS One; Postgraduate Medicine; Psychology, Health & Medicine; Psychology Research and Behavior Management; Recent Patents on Biotechnology; Research Synthesis Methods; SAGE Open Medicine; Saudi Medical Journal; Science and Engineering Ethics; Scientometrics; Sestrinski glasnik/Nursing Journal (SG/NJ); Signa Vitae; SN Comprehensive Clinical Medicine; Somatosensory & Motor Research; SpringerPlus; Statistics in Biopharmaceutical Research; Systematic Reviews; Technology in Society; Therapeutic Advances in Musculoskeletal Disease; Therapeutics and Clinical Risk Management; Trials; Toxicology Reports; Ultrasound in Obstetrics and Gynecology; World Journal of Gastroenterology; World Journal of Orthopedics; Zeitschrift fuer Evidenz, Fortbildung und Qualitaet im Gesundheitswesen (ZEFQ)

Publons profile: <https://publons.com/researcher/1558824/livia-puljak>

Publications in scholarly journals

1. Arienti C, Armijo-Olivo S, Ferriero G, Feys P, Hoogebom T, Kiekens C, Lazzarini SG, Minozzi S, Negrini S, Oral A, Pollini E, **Puljak L**, Todhunter-Brown A, Walshe M. The influence of bias in randomised controlled trials on rehabilitation intervention effect estimates: what we have learned from meta-epidemiological studies. *European Journal of Physical and Rehabilitation Medicine*. Accepted: November, 2023.
2. Rehlicki D, Plenkovic M, Delac Lj, Pieper D, Marusic A, **Puljak L**. Author instructions in biomedical journals infrequently address systematic review reporting and methodology: a cross-sectional study. *Journal of Clinical Epidemiology*. Accepted November 14, 2023.
3. Vardic A, **Puljak L**, Galic T, Viskic J, Kulis E, Poklepovic Pericic T. Heterogeneity of outcomes in randomized controlled trials on implant prosthodontic therapy is hindering comparative effectiveness research: meta-research study. *BMC Oral Health*. Accepted November 12, 2023.
4. Bojicic R, Todoric M, **Puljak L**. Most systematic reviews reporting adherence to AMSTAR 2 had critically low methodological quality: a cross-sectional meta-research study. *Journal of Clinical Epidemiology*. 2023 Nov 4:S0895-4356(23)00294-9. doi: 10.1016/j.jclinepi.2023.10.026.
5. Vukicevic T, Draganic P, Skribulja M, **Puljak L**, Dosenovic S. Consumption of psychotropic drugs in Croatia before and during the COVID-19 pandemic: a 10-year longitudinal study (2012-2021). *Social Psychiatry and Psychiatric Epidemiology*. 2023 Oct 17. doi: 10.1007/s00127-023-02574-1.
6. **Puljak L**, Bala MM, Mathes T, Poklepovic Pericic T, Wegewitz U, Faggion CM, Matthias K, Storman D, Zajac J, Rombey T, Bruschetini M, Pieper D. AMSTAR 2 is only partially applicable to systematic reviews of non-intervention studies: a meta-research study. *Journal of Clinical Epidemiology*. 2023 Aug 31:S0895-4356(23)00232-9. doi: 10.1016/j.jclinepi.2023.08.021.
7. Milic J, Vuksan-Ćusa Z, Jakab J, Ćurčić M, **Puljak L**, Milić Vranješ I, Miškulin M. Tendencies towards emigration and their association with introversion and ethnocentrism among final-year medical students from Osijek, Croatia: a cross-sectional study. *BMC Medical Education*. 2023;23(1):632. doi: 10.1186/s12909-023-04611-8.
8. **Puljak L**. Should we expect meta-research studies to be perfectly conducted and reported? Response to Thombs et al. *Journal of Clinical Epidemiology*. 2023 Jul 21:S0895-4356(23)00179-8. doi: 10.1016/j.jclinepi.2023.07.007.
9. Civljak M, Ackar L, **Puljak L**. The knowledge, attitudes and behaviors of hospital nurses on smoking cessation interventions: a cross-sectional study. *BMC Nursing*. 2023;22(1):228. doi: 10.1186/s12912-023-01394-7.
10. Buchter R, Rombey T, Mathes T, Khalil H, Lunny C, Pollock D, **Puljak L**, Tricco AC, Pieper D. Systematic reviewers used various approaches to data extraction and expressed several research needs: A survey. *Journal of Clinical Epidemiology*. 2023 Jun 5:S0895-4356(23)00140-3. doi: 10.1016/j.jclinepi.2023.05.027.
11. Sanader Vucemilovic A, Krnic Martinic M, Lazic Mosler E, **Puljak L**. Pain associated with psoriasis: a qualitative study. *Pain Medicine*. 2023;pnad067, <https://doi.org/10.1093/pm/pnad067>
12. Sapunar D, **Puljak L**. Project Giving Voice – helping authors publish reports about the consequences of War in Ukraine. *ST-OPEN*. 2023; 4: e2023.2319.10.
13. Sarkis-Onofre R, Sofi-Mahmudi A, **Puljak L**, Moraes RR. The importance of meta-research in dentistry. *Evidence-Based Dentistry*. 2023 Sep;24(3):98-99. doi: 10.1038/s41432-023-00880-w.
14. Nussbaumer-Streit B, Sommer I, Hamel C, Devane D, Noel-Storr A, **Puljak L**, Gartlehner G. Rapid Reviews Methods Series: Guidance on Team Considerations, Study Selection, Data Extraction and Risk of Bias Assessment. *BMJ Evidence-Based Medicine*. Apr 19:bmjebm-2022-112185. doi: 10.1136/bmjebm-2022-112185.
15. Plenkovic M, Civljak M, **Puljak L**. Authors arbitrarily used methodological approaches to analyze the quality of reporting in research reports: a meta-research study. *Journal of Clinical Epidemiology*. 2023 Mar 10:S0895-4356(23)00051-3. doi: 10.1016/j.jclinepi.2023.03.008.
16. **Puljak L**, Mladinic A, Koporc Z. Workload and procedures used by European data protection authorities related to personal data protection: a cross-sectional study. *BMC Research Notes*. 2023;16(1):41. doi: 10.1186/s13104-023-06308-z.
17. Claassen A, Staheli J, Ottwell R, Arthur W, Roberts W, Hartwell M, Wright DN, Puljak L, Zhu L, Khojasteh J, Vassar M. Evaluation of spin in the abstracts of systematic reviews focused on analgesic opioids for non-cancer chronic pain management. *Journal of the Oklahoma State Medical Association*. 2023;116(1):18-26.
18. **Puljak L**, Lund H. Definition, harms and prevention of redundant systematic reviews. *Systematic Reviews*. 2023;12(1):63. doi: 10.1186/s13643-023-02191-8.

19. **Puljak L.** Data sharing: cosmetic actions will not solve the problem of insufficient data availability. *BMJ. Rapid Response to* <https://doi.org/10.1136/bmj.o3047>. January 10, 2023. <https://www.bmj.com/content/380/bmj.o3047/rr>
20. Carev M, Čivljak M, **Puljak L**, Došenović S. Characteristics, completion and publication of PROSPERO records in regional anesthesia for acute perioperative pain. *Journal of Comparative Effectiveness Research*. 2023:e220129. doi: 10.2217/ce-2022-0129.
21. **Puljak L.** Challenges with defining a meta-epidemiological study as “study in which the unit of analysis is a study, not a patient:” author’s reply. *Journal of Clinical Epidemiology*. December 9, 2022. S0895-4356(22)00319-5. doi: 10.1016/j.jclinepi.2022.12.003.
22. Runjić R*, Jeličić Kadić A*, Runjić E, Gudelj K, Milić J, Pacheco RL, Rombey T, Pieper D, **Puljak L.** (*shared first authorship) Most systematic reviews that used the term “update” in title/abstract were not an updated version. *Journal of Clinical Epidemiology*. 2022 Nov 25:S0895-4356(22)00299-2. doi: 10.1016/j.jclinepi.2022.11.014.
23. Marendić M, Bokan I, Matana A, Orlandini R, Širić A, **Puljak L**, Gusar I, Zoranić S, Sajko M, Čukljek S, Barać I, Švaljug D. Attitudes and factors that affect Croatian nursing students' choice of thesis type: a cross-sectional study. *Nurse Education Today*. 2022;121:105664. doi: 10.1016/j.nedt.2022.105664.
24. Hrkać A, Perković R, Krišto B, **Puljak L.** Prevalence of spinal pain in a population of Bosnia and Herzegovina. *AIMS Public Health*. 2022;9(4):790–804. DOI: 10.3934/publichealth.2022053.
25. Bilić J, Skokandić L, **Puljak L.** Anticipatory grief and experience of providing at-home palliative care among informal caregivers of spouses in Croatia: a qualitative study. *BMC Palliative Care*. 2022;21:199. <https://doi.org/10.1186/s12904-022-01093-1>
26. Hrkać A, Bilić D, Černy-Obrdaj E, Baketarić I, **Puljak L.** Comparison of supervised exercise therapy with or without biopsychosocial approach for chronic nonspecific low back pain: a randomized controlled trial. *BMC Musculoskeletal Disorders*. 2022;23(1):966. doi: 10.1186/s12891-022-05908-3.
27. **Puljak L.** Caution is needed when describing a study design as meta-epidemiological. *Journal of Clinical Epidemiology*. 2022 Oct 26:S0895-4356(22)00267-0. doi: 10.1016/j.jclinepi.2022.10.017.
28. Krnic Martinic M, Mališa S, Aranza D, Čivljak M, Marušić A, Sapunar D, Poklepović Peričić T, Buljan I, Tokalić R, Čavić D, **Puljak L.** Creating an online educational intervention to improve knowledge about systematic reviews among healthcare workers: mixed-methods pilot study. *BMC Medical Education*. 2022;22:722. <https://doi.org/10.1186/s12909-022-03763-3>
29. Banic A, Fidahic M, Roje R, Vuka I, **Puljak L**, Buljan I. Conclusiveness, linguistic characteristics and readability of Cochrane plain language summaries of intervention reviews: a cross-sectional study. *BMC Medical Research Methodology*. 2022;22(1):240. doi: 10.1186/s12874-022-01721-7.
30. Mimica B*, Bucevic Popovic V*, Banjari I, Jelcic Kadic A, **Puljak L.** (*shared first authorship) Methods used for enhancing the bioavailability of oral curcumin in randomized controlled trials: a meta-research study. *Pharmaceuticals*. 2022;15(8):939. <https://doi.org/10.3390/ph15080939>
31. Nørgaard B, Briel M, Chrysostomou S, Ristic Medic D, Buttigieg SC, Kiisk E, **Puljak L**, Bala M, Poklepovic Pericic T, Lesniak W, Zajac J, Lund H, Pieper D. A systematic review of meta-research studies found substantial methodological heterogeneity in citation analyses to monitor evidence-based research. *Journal of Clinical Epidemiology*. 2022 Jul 3:S0895-4356(22)00172-X. doi: 10.1016/j.jclinepi.2022.06.021.
32. Babic P, Filipovic N, Ferhatovic Hamzic N, **Puljak L**, Vukojevic K, Benzon B. Potential influence of age and diabetes mellitus type 1 on MSH2 (MutS homologues 2) expression in a rat kidney tissue. *Genes (Basel)*. 2022;13(6):1053. doi: 10.3390/genes13061053.
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Active participation at scientific meetings

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2. Babic A, Barcot O, Visković T, Šarić F, Kirkovski A, Barun I, Križanac Z, Ananda RA, Fuentes Barreiro YV, Malih N, Dimcea DAM, Ordulj J, Weerasekara I, Spezia M, Žuljević MF, Šuto J, Tancredi L, Pijuk A, Sammal S, lascone V, von Groote T, Poklepovic Pericic T, **Puljak L**. Frequency of use and reporting adequacy of Cochrane RoB 2 tool in non-Cochrane systematic reviews published in 2020: meta-research study. Oral presentation. Cochrane Colloquium 2023. London, United Kingdom. September 4-6, 2023.
3. **Puljak L**. Evidence-based medicine: using systematic reviews for better practice and better research. Plenary lecture. 7th Croatian Congress on Neurorehabilitation and restoration neurology. Osijek, Croatia, May 14-17, 2023.
4. Tolic M, Sablic M, Silobrcic V, Heffer M, Polic B, Barcot O, Sapunar D, **Puljak L**. Difficulties in accessing the defended PhD theses from medical schools: a case study from Croatia. Poster presentation. 17th annual ORPHEUS conference 2023, Leuven, Belgium. 13-15 April 2023
5. SpringerNature webinar "Data available on request: exploring a challenge in research data sharing". 16 February 2023. Presentation and panel discussion. Moderator: Maria Hodges. Panelists: **Livia Puljak**, Rajarshi Guha, Graham Smith, Nicholas Bailey.
6. Heinen L, Goossen K, Lunny C, Hirt J, **Puljak L**, Pieper D. Database combinations to retrieve systematic reviews in overviews of reviews: An updated methodological study. 24th Annual Conference of German Network for Evidence-based Medicine. Potsdam, Germany, 22-24 March 2023.
7. Vardić A, **Puljak L**, Galić T, Viskić J, Kuliš E, Poklepović Perićić T. Analysis of outcomes used in randomized controlled trials about efficacy and safety of dental implant therapy: meta-research study. Oral and poster presentation. 8th Croatian Periodontology Days. Rovinj, Croatia. 24-26 November 2022.
8. JRC Centre for Advanced Studies and Exploratory Research Annual Workshop 2022 - Anticipation and challenges in research. 16-18 November 2022. Panel discussion. Participants: Prof. Arnout van der Rijt, European University Institute; Prof. **Livia Puljak**, Catholic University of Croatia; Jana Berkessel, University of Mannheim; Dr. Danny Kingsley, Australian National Centre for the Public Awareness of Science; Miguel-Angel Serra Beltran, JRC; Leire Salazar, JRC; Hendrik Bruns, JRC on 18 November 2022.
9. **Puljak L**. How to avoid redundancy in systematic reviews? Oral presentation. 3rd Evidence-Based Research (EBR) Conference – Seeing Further: The Past, Present and Future of Evidence-Based Research. Online conference held on 6-7th October 2022.
10. Nørgaard B, Briel M, Chrysostomou C, Ristic Medic D, Buttigieg S, Kiisk E, **Puljak L**, Bala M, Poklepovic Pericic T, Lesniak W, Zajac J, Lund H, Pieper D. Citation analysis for monitoring evidence-based research – a systematic review of meta-research studies. 2nd Evidence-Based Research (EBR) Conference - "The place of EvidenceBased Research in the Evidence Ecosystem". Oral presentation; abstract #24. Online conference held on 27-28th September 2021. Abstract book: https://evbres.eu/wp-content/uploads/2021/09/Abstract-Book_2nd-EBR-Conf-2021.pdf.
11. **Puljak L**. What is meta-research, and how should we call it. Plenary lecture. The 1st Evidence-Based Research Conference "Increasing the Value of Research". Online conference held on 16th-17th November 2020. <https://evbres.eu/1st-ebr-conf/>.
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 24. **Puljak L**, Poklepovic Pericic T. GRADE methods. (Oral presentation). Symposium: From Cochrane systematic reviews to Cochrane clinical summaries in physical medicine and rehabilitation. Zagreb, Croatia. May 24, 2019.
 25. **Puljak L**. Methodology and quality assessment of systematic reviews. (Oral presentation). Symposium: From Cochrane systematic reviews to Cochrane clinical summaries in physical medicine and rehabilitation. Zagreb, Croatia. May 24, 2019.
 26. **Puljak L**. Methodology of Cochrane systematic reviews: how to recognize a high-quality systematic review. (Oral presentation). Cochrane education: evidence-based dental medicine. Zagreb, Croatia. May 22, 2019.
 27. Džakula A, Jeroncic A, Loncarek K, Vocanec D, Lujo T, **Puljak L**, Gvozdanovic K, Banadinovic M, Kuljis T, Ivankovic D, Janev Holcer N. Policy coil - new tool for era of digital decision making. *European Journal of Public Health*. Volume 28, Issue suppl_4, November 2018. cky218.011, <https://doi.org/10.1093/eurpub/cky218.011>.
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 32. Huić M, Tandara Haček R, Erčević D, Grenković R, **Puljak L**, Poklepović Peričić T, Čivljak M, Utrobičić A. Why is selfie project so important? 3rd conference about palliative care with international participation “Palliative care in community – Croatian and European experiences. Pula, Croatia. May 4-6, 2018.
 33. **Puljak L**, Babic A. Evidence-based emergency medicine. (Oral presentation) 4th Emergency Medicine Congress with International Participation. Vodice, Croatia. April 25-28, 2018.
 34. **Puljak L**. Cochrane - promoting evidence-based decision-making in health care community. (Oral presentation) 7th Croatian Congress of Physical and Rehabilitation Medicine. Sibenik, Croatia. April 19-22, 2018.
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 41. Vucic K, Jelacic Kadic A, **Puljak L**. Methods for data extraction from figures in protocols of Cochrane Systematic Reviews. Oral presentation. Cochrane Colloquium. Vienna, Austria. October 3-7, 2015.
 42. **Puljak L**, Ried J. Involving volunteers in translating Cochrane Plain Language Summaries to increase capacity. Oral presentation. Cochrane Colloquium. Vienna, Austria. October 3-7, 2015.
 43. **Puljak L**. Using social media to disseminate translated Cochrane evidence and to promote high-quality health information in non-English speaking regions. Oral presentation. Cochrane Colloquium. Vienna, Austria. October 3-7, 2015.
 44. Vuica A, Ferhatovic Hamzic L, Vukojevic K, Jeric M, **Puljak L**, Grkovic I, Filipovic N. Expression of 1 α -hydroxylase and vitamin D receptors in the rat liver during ageing and long-term diabetes mellitus. Poster # PO-371. 12th Multinational Congress on Microscopy. Eger, Hungary, August 23-28, 2015.
 45. **Puljak L**. Cochrane Croatia: promoting evidence-based medicine since 2008. Evidence based healthy ageing in Europe. Rijeka, Croatia, May 27-29, 2015.
 46. Dosenovic S, Jelacic Kadic A, Boban M, **Puljak L**. What do systematic reviews on the management of neuropathic pain tell us: a protocol for assessment of current evidence-based knowledge. 7th Croatian Cochrane Symposium. Split, Croatia, May 11, 2015.
 47. Fidahic M, Jelacic Kadic A, Radic M, **Puljak L**. Celecoxib for rheumatoid arthritis: a Cochrane systematic review protocol. 7th Croatian Cochrane Symposium. Split, Croatia, May 11, 2015.
 48. **Puljak L**. Evidence-based medicine: how do we know that a treatment is safe and effective. 1st Regional Workshop – Capacity Building for Sustainable Health Care Programs in South-Eastern Europe. Dubrovnik, Croatia, March 12-14, 2015.
 49. Boric M, Jelacic Kadic A, **Puljak L**. Changes of calcium/calmodulin-dependent protein kinase II expression in spinal cord in rat models of type 1 and type 2 diabetes. Poster presentation. The 6th international symposium of clinical and applied anatomy. Malinska, Krk, June 26-29, 2014.

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58. Jelacic Kadic A, Boric M, Kostic S, Sapunar D, **Puljak L**. The effects of intraganglionic injection of calcium/calmodulin-dependent protein kinase II inhibitors on pain-related behavior in diabetic neuropathy. Oral presentation. 4th RECOOP TriNet Meeting. Split, Croatia. October 10-13, 2013.
59. Jelacic Kadic A, Boric M, Ferhatovic L, Banozic A, Sapunar D, **Puljak L**. Intrathecal inhibition of calcium/calmodulin-dependent protein kinase II in diabetic neuropathy adversely affects pain-related behavior. Oral presentation. 4th RECOOP TriNet Meeting. Split, Croatia. October 10-13, 2013.
60. Ferhatovic L, Jelacic Kadic A, Boric M, Banozic A, Sapunar D, **Puljak L**. Expression of calcium/calmodulin-dependent protein kinase II in dorsal root ganglia in diabetic rats 6 months and 1 year after diabetes induction. Poster presentation. Scandinavian Association for the Study of Pain. Helsinki, Finland. June 13-15, 2013. Published as a supplement in: Scandinavian Journal of Pain. 2017;4(4):259. doi: 10.1016/j.sjpain.2013.07.014.
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78. Kostic S, **Puljak L**, Sapunar D. Targeted delivery of neuropeptide Y into dorsal root ganglion reduces pain-related behavior following intraplantar carageenan injection. Poster # 21. 2nd Croatian congress on pain treatment. Osijek, Croatia. October 7-10, 2010.
79. Kraljevic S, Banozic A, Maric A, Cosic A, Sapunar D, **Puljak L**. Pain catastrophizing in triad mother-father-child. Poster # 20. 2nd Croatian congress on pain treatment. Osijek, Croatia. October 7-10, 2010.
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82. Sapunar D, Vukojevic K, Kostic S, **Puljak L**. Attenuation of injury evoked pain-related behavior by blockade of neuropeptide Y Y2 receptor. Presentation number: PH180. 13th World Congress on Pain. Montreal, Canada, August 29-September 2, 2010.
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86. Kraljevic S, Banozic A, Maric A, Cosic A, Sapunar D, **Puljak L**. Pain catastrophizing in triad father-mother-child. First Congress of Pain Therapy BiH with international participation: Sharing experiences with pain therapy. Sarajevo, Bosnia and Herzegovina, April 15-16, 2010.

87. Bosnjak L, Vukojevic K, **Puljak L**, Marusic A. Analysis of a number and type of publications that editors publish in their own journals: Croatian case study. Fifth ORI Research Conference on Research Integrity. Niagara Falls, NY, USA, May 15-17, 2009.
88. Dzibur Kulenovic A, **Puljak L**, Vukojevic K, Zaletel Kragelj L, Donev DM. How to improve the visibility of research in the countries from the "scientific periphery": A case study. 17th European Congress of Psychiatry, Lisbon, January 24-28, 2009.
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91. **Puljak L**, Lovric Kojundzic S, Hogan Q, Sapunar D. Effect of lidocaine injection in spinal nerve and dorsal root ganglion. 12th World Congress on Pain, Glasgow, Scotland, UK, August 17-22, 2008.
92. **Puljak L**, Lovric Kojundzic S, Hogan Q, Sapunar D. Lidocaine injection into the Sprague-Dawley rat dorsal root ganglion causes neuroinflammation and pain-related behavior. EFIC - European Pain School. Siena, Italy, June 15-22, 2008.
93. **Puljak L**, Lovric Kojundzic S, Sapunar D. Behavioral and morphological changes in rat DRG following lidocaine injection. 5th Croatian Congress of Pharmacology and 2nd Croatian Congress of Physiological Society. Osijek, September 2007. Periodicum Biologorum, Vol. 109, Suppl 2, 2007.
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98. **Puljak L**, Franičević D. Raising awareness on organ donation and donor card. Third Croatian Surgical Congress. Pula, May 2002.
99. Tomić S, Anđelinović Š, **Puljak L**, Pešutić-Pisac V, Bezić J, Milostić K, Trgo G. Prognostic significance of lymphatic and blood vessel invasion by tumor cells in colorectal carcinoma. Acta Clin Croat. 2002; 41:135-186. Conference papers. 13th Ljudevit Jurak International Symposium on Comparative Pathology Zagreb, Croatia, May 2002.

Books

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| 2022 | TRIBE – 10 years of excellence. University of Split School of Medicine, Split, Croatia. |
| 2014 | Translated into Croatian: Evans I, Thornton H, Chalmers I, Glasziou P. Testing Treatments. Croatian title: Gdje su dokazi? Profil, Zagreb, Croatia. |
| 2010 | Puljak L , Sapunar D. Dictionary of Pain [in Croatian]. Redak. Split, Croatia. |
| 2010 | Sapunar D, Puljak L . Neurobiology of Pain [in Croatian]. In: Pain – causes and treatment. Editors: Jukic M, Majeric Kogler V, Fingler M. Medicinska naklada, Zagreb, Croatia. |
| 2010 | Sapunar D, Puljak L , Kostic S, Banozic A. Are mice small rats? Rodent models of neuropathic pain. In: Anatomy and Embryology of the Mouse. Editor: Marusic A. University of Split School of Medicine, Split, Croatia. |

Guidelines

Jukic M, **Puljak L**, Katic M, Majeric Kogler V, Bergman Markovic B, Kvolik S, Fingler M. Guidelines for the use of opioids in chronic nonmalignant pain. Croatian Association for the treatment of pain (HDLB) and Association of Teachers in General Practice/Family Medicine (DNOOM). *Medix* 2014;20 (11).

Successful application for the WHO Expert Committee on Selection and Use of Essential Medicines

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The application was successful: <https://apps.who.int/iris/rest/bitstreams/1374985/retrieve>

Other articles

Puljak L. Evolutionary theory in Eastern Europe. A True Fact. *Lab Times* 2009;1:28-29.

Puljak L. Brain gain in the Western Balkans. *Lab Times* 2008;3:38–41.

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Puljak L. Recipe for health. *Global Forum for Health Research and The Lancet*. 2006.

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Puljak L. A proper doctor knows everything. *British Medical Journal* 2006 Jul 1;333:248.

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Puljak L. And the winner of the Ig Nobel prize for medicine. *studentBMJ* 2006;14:221 264 June.

Puljak L. Career blocker: Bad advisor. *Science careers*. January 13, 2006.

Editorial experiences

2020	Senior Board Member, BMC Medical Research Methodology
2020	Guest Editor, BMC Medical Research Methodology COVID-19 Collection
2020	Associate Editor, Research Synthesis Methods
2018 - 2020	Section Editor, BMC Medical Research Methodology
2013 -	Editorial Board, Central European Journal of Paediatrics (ex: Paediatrics Today)
2012 -	Editorial Board, Liječničke novine
2014 - 2018	Editor, web portal Dokazi u medicini
2014 - 2015	Editorial Board, Bosnian Journal of Basic Medical Sciences
2017 - 2018	Editorial Board, Croatian Medical Journal
2007 - 2013	Editor, Magazine of the School of Medicine in Split
2005 - 2006	Editor-in-Chief, The Postdocket
2000 - 2002	Editor of www.medicina.hr , Croatian independent medical web-site

Postdoctoral activities

2005 - 2006	Founder and inaugural president of the Postdoctoral Association at the University of Texas Southwestern Medical Center at Dallas, TX, USA
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Student activities

2001 - 2002	National Public Health Officer, CroMSIC
2001	Author and coordinator of the international medical students' project «Raising awareness on organ donation and donor card»
2000 - 2002	Organizer of international exchange of medical students in Split, Croatia
2000	Founder and president of the Croatian Medical Students' International Committee, Local Committee Split (CroMSIC LC Split)
1997 - 1999	Demonstrator (teaching assistant) for Anatomy, Histology and Embryology

Volunteering experiences

2012 -	Certified Mountain Guide, Croatian Mountain Guide Association
2010 – 2015	Head of the Mountaineering School, Mountaineering club Split, Croatia
2006 – 2015	Executive Board, Mountaineering club Split, Croatia
2003 - 2004	Team Leader, Volunteers for Outdoor Colorado, Denver, CO, USA
2003 - 2004	Volunteer, Colorado Fourteeners Initiative, Golden, CO, USA

Other activities

- 2007 - 2008 Science Manager, Tempus project "Training for EU-liaison officers in Croatian Universities: pursuing Bologna and EU integration aims (TRIUMPH)"
- 2007 Project participant, CARDS project "Intellectual Property Rights Infrastructure for the R&D Sector in Croatia"

Language skills

- Croatian (Native speaker)
English (Advanced)
Italian (Intermediate)
German (Basic)
Spanish (Basic)

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