

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

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

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 (shorturl.at/nFRU1)
2021	Top 1% of world scientists in 2020 and top 2% in the entire career, based on citation impact (https://bit.ly/3bRB8pB)
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

- *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 (20 PhD and 2 MSc theses)

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 (41 theses)

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=164)

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; 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 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 vijesnik; 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>

Books

- 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

Poklepovic Pericic T, Utrobicic A, Dosenovic S, Puljak L. Review of the Available Evidence on Tacrolimus in Adults and Children for the Prevention and Treatment of Transplant Rejection, and Proposal for Inclusion for the WHO Model List of Essential Medicines (EML). Applications for inclusion in the 2021 revision of the WHO Model Lists of Essential Medicines. Published April 19, 2021. Available at: <https://www.who.int/news/item/19-04-2021-applications-for-the-23rd-who-expert-committee-on-selection-and-use-of-essential-medicines-available-for-public-review-and-comment>

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

Publications in peer-reviewed journals

- 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*. Accepted, January 9, 2023.
- 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.
- 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.
- Marendić M, Bokan I, Matana A, Orlandini R, Širić A, **Puljak L**, Gusar I, Zoranić S, Sajko M, Čukljeć 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.
- 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.
- 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>
- Hrkać A, Bilić D, Černy-Obrdalj 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.
- 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.
- 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>

10. 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.
11. 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>
12. 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.
13. 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.
14. Meneses-Echavez JF, Bidonde J, Yepes-Nunez JJ, Poklepovic Pericic T, **Puljak L**, Bala MM, Storman D, Swierz M, Zajac J, Montesinos-Guevara C, Zhang Y, Chavez Guapo N, Schunemann H, Flottorp S, Alonso Coello P. Evidence to Decision frameworks enabled structured and explicit development of healthcare recommendations. *Journal of Clinical Epidemiology*. 2022 Jun 13;150:51-62. doi: 10.1016/j.jclinepi.2022.06.004.
15. Fidahic M, Nujic D, Civljak M, Runjic R, Markotic F, Vidak M, **Puljak L**. Standard of care for COVID-19 in randomized clinical trials registered in trial registries and published in preprint servers and scholarly journals: a cross-sectional study. *BMC Medical Research Methodology*. 2022;22(1):173. doi: 10.1186/s12874-022-01646-1.
16. Gabelica M, Bojic R, **Puljak L**. Many researchers were not compliant with their published data sharing statement: mixed-methods study. *Journal of Clinical Epidemiology*. 2022 May 30;150:33-41. doi: 10.1016/j.jclinepi.2022.05.019.
17. von Groote TC, Ghoreishi N, Björklund M, Porschen C, **Puljak L**. Exponential growth of systematic reviews assessing artificial intelligence studies in medicine: challenges and opportunities. *Systematic Reviews*. 2022;11:132. <https://doi.org/10.1186/s13643-022-01984-7>.
18. Krnic Martinic M, Civljak M, Marušić A, Sapunar D, Poklepovic Pericic T, Buljan I, Tokalic R, Malisa S, Neuberg M, Ivanisevic K, Aranza D, Skitarelic N, Zoranic S, Miksic S, Cavic D, **Puljak L**. Web-Based Educational Intervention to Improve Knowledge of Systematic Reviews Among Health Science Professionals: Randomized Controlled Trial. *Journal of Medical Internet Research*. 2022;24(8):e37000. doi: 10.2196/37000.
19. Runjic R, Plenkovic M, Piroasca S, Clarke M, Treweek S, **Puljak L**. Recommendations from Cochrane reviews for improving future trials on anesthesia and pain: a meta-research study. *Journal of Comparative Effectiveness Research*. 2022;11(9):669-677. doi: 10.2217/cer-2022-0042.
20. Bojic R, Todoric M, **Puljak L**. Adopting AMSTAR-2 critical appraisal tool for systematic reviews: speed of the tool uptake and barriers for its adoption. *BMC Medical Research Methodology*. 2022;22(1):104. doi: 10.1186/s12874-022-01592-y.
21. **Puljak L**, Parmelli E, Capobussi M, Gonzalez-Lorenzo M, Parmelli E, Moja L, Riva N. Mitigating disputes originated by multiple discordant systematic reviews and meta-analyses: a survey of methodologists and clinicians. *Frontiers in Research Metrics and Analytics*. 2022;7. <https://doi.org/10.3389/frma.2022.849019>
22. Babic A, Poklepovic Pericic T, Pieper D, **Puljak L**. When is the evidence conclusive? Analysis of systematic reviews for which Cochrane declared that conclusions will not change with further studies. *Research Synthesis Methods*. 2022 Mar 12. doi: 10.1002/jrsm.1556.
23. Strcic J, Civljak A, Glozinic T, Pacheco RL, Brkovic T, **Puljak L**. Open data and data sharing in articles about COVID-19 published in preprint servers medRxiv and bioRxiv. *Scientometrics*. 2022. <https://doi.org/10.1007/s11192-022-04346-1>
24. Vuka I, Marcus T, Kovacic D, Sarolic A, **Puljak L**, Sapunar D. Implantable, Programmable, and Wireless Device for Electrical Stimulation of the Dorsal Root Ganglion in Freely-Moving Rats: A Proof of Concept Study. *Journal of Pain Research*. 2021;14:3759-3772. <https://doi.org/10.2147/JPR.S332438>
25. **Puljak L**. The difference between evidence-based medicine, evidence-based (clinical) practice and evidence-based health care. *Journal of Clinical Epidemiology*. 2022;142:311-312. doi: 10.1016/j.jclinepi.2021.11.015.
26. **Puljak L**, Pieper D. Replicability in the context of systematic reviews: a call for a framework with considerations regarding duplication, overlap and intentionality. *Journal of Clinical Epidemiology*. 2022;142:313-314. doi: 10.1016/j.jclinepi.2021.11.014.

27. Novak D, **Puljak L**. Frequency and characteristics of promissory conference abstracts, i.e. abstracts without results, accepted at Cochrane Colloquia 1994-2020. *BMC Medical Research Methodology*. 2021;21:243. doi: <https://doi.org/10.1186/s12874-021-01442-3>
28. Bosnjak Kuharic D, Markovic D, Brkovic T, Jeric Kegalj M, Rubic Z, Vuica Vukasovic A, Jeroncic A, **Puljak L**. Cannabinoids for the treatment of dementia. *Cochrane Database of Systematic Reviews* 2021;9.CD012820. doi: [10.1002/14651858.CD012820.pub2](https://doi.org/10.1002/14651858.CD012820.pub2).
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Preprint articles

Analise Claassen, Jonathan Staheli, Ryan Ottwell, Wade Arthur, Will Roberts, Micah Hartwell, Drew N. Wright, **Livia Puljak**, Lan Zhu, Jam Khojasteh, Matt Vassar. Evaluation of spin in the abstracts of systematic reviews focused on analgesic opioids for non-cancer chronic pain management: A cross sectional analysis. Available at <http://preprints.jmir.org/preprint/30407>; <http://doi.org/10.2196/preprints.30407>.

Active participation at scientific meetings

1. 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. Accepted to be presented at the 24th Annual Conference of German Network for Evidence-based Medicine. To be held on 22-24 March 2023 in Potsdam, Germany.
2. 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.
3. 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.
4. **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.
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21. **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.
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85. Trgo G, Tomic S, **Puljak L**, Kunac N, Vilovic K, Sundov Z. p53 and survivin expression in Dukes' B colorectal carcinoma patients: correlation with clinical and pathological factors. Congress of pathology and forensic medicine. Osijek, Croatia, September 25-27, 2008.
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Other articles

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

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

Postdoctoral activities

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

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

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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