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B. OBRAZOVANJE, ZAPOSLENJA, NAPREDOVANJE I FUNKCIJE U SLUŽBI

1983.-1991. Medicinski fakultet Sveučilišta u Zagrebu, prosječna ocjena 4.70
1992.-1993. Liječnički pripravnički staž, Dom zdravlja Rijeka
1994. Državni ispit za doktora medicine
1995.-1997. Znanstveni novak na projektima prof. dr. sc. Stipana Jonjića, Medicinski fakultet Sveučilišta u Rijeci
1995.-1997. Poslijediplomski studij iz Kliničke imunologije, Medicinski fakultet Sveučilišta u Rijeci
1997.-1999. Stručni suradnik, Zavod za histologiju i embriologiju Medicinskog fakulteta Sveučilišta u Rijeci
1998. Magisterij znanosti
1999.-2002. Asistent, Zavod za histologiju i embriologiju Medicinskog fakulteta Sveučilišta u Rijeci
2001. Doktorat znanosti
2002.–2003. Viši asistent, Zavod za histologiju i embriologiju Medicinskog fakulteta Sveučilišta u Rijeci
2003. – 2006. Docent, Zavod za histologiju i embriologiju Medicinskog fakulteta Sveučilišta u Rijeci
2006. – 2012. Izvanredni profesor, Zavod za histologiju i embriologiju Medicinskog fakulteta Sveučilišta u Rijeci
2012. – 2017. Redoviti profesor, Zavod za histologiju i embriologiju Medicinskog Fakulteta Sveučilišta u Rijeci
2017. – u trajanju Redoviti profesor u trajnom zvanju, Zavod za histologiju i embriologiju Medicinskog Fakulteta Sveučilišta u Rijeci

C. AKADEMSKI STUPNJEVI

1991. Doktor medicine
1998. Magistarski rad iz područja biomedicine i zdravstva, Medicinski fakultet Sveučilišta u Rijeci. Naslov rada: "Značaj m152 gena mišjeg citomegalovirusa u izbjegavanju imunološkog nadzora"
2001. Doktorska disertacija iz područja biomedicine i zdravstva, Medicinski fakultet Sveučilišta u Rijeci. Naslov disertacije: "Uloga herpesvirusnih gena u izbjegavanju imunološkog nadzora posredovanog limfocitima T i NK-stanicama *in vivo*"

D. DOSADAŠNJA ZVANJA I DATUM ZADNJEG IZBORA

1999. - 2002. Asistent, Zavod za histologiju i embriologiju Medicinskog fakulteta Sveučilišta u Rijeci
2002. – 2003. Viši asistent, Zavod za histologiju i embriologiju Medicinskog fakulteta Sveučilišta u Rijeci
2003. – 2006. Docent, Zavod za histologiju i embriologiju Medicinskog fakulteta Sveučilišta u Rijeci
2006. – 2012. Izvanredni profesor, Zavod za histologiju i embriologiju Medicinskog fakulteta Sveučilišta u Rijeci
21. 02. 2012. – 06. 03. 2017. Redoviti profesor, Zavod za histologiju i embriologiju Medicinskog fakulteta Sveučilišta u Rijeci
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II. ZNANSTVENA I STRUČNA DJELATNOST

A. KVALIFIKACIJSKI RADOVI

1. Značaj *m152* gena mišjeg citomegalovirusa u izbjegavanju imunološkog nadzora, **magistarski rad**, Medicinski fakultet Sveučilišta u Rijeci, 1998.

2. Uloga herpesvirusnih gena u izbjegavanju imunološkog nadzora posredovanog limfocitima T i NK-stanicama *in vivo*, **doktorska disertacija**, Medicinski fakultet Sveučilišta u Rijeci, 2001.

B. OBJAVLJENI ZNANSTVENI RADOVI

a) Radovi objavljeni u časopisima indeksiranim u Current Contentsu i SCIE:

1. Karner D, Kvestak D, Kucan Brlic P, Cokaric Brdovcak M, Lisnic B, Brizic I, Juranic Lisnic V, Golemac M, Tomac J, Krmpotic A, Karkeni E, Libri V, Mella S, Legname G, Altmeppen HC, Hasan M, Jonjic S, Lenac Rovis T. Prion protein alters viral control and enhances pathology after perinatal cytomegalovirus infection. **Nature Communications**. 15(1):7754, 2024. (Čimbenik utjecaja: **14,7**)
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4. Herb S, Zeleznjak J, Hennig T, L'Hernault A, Lodha M, Jürges C, Trsan T, Juranic Lisnic V, Jonjic S, Erhard F, Krmpotic A*, Dölken L*. Two murine cytomegalovirus microRNAs target the major viral immediate early 3 gene. **Journal of General Virology**. 103(11), 2022. (Čimbenik utjecaja**: 3,8)**

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5. Brdovčak MC, Materljan J, Šustić M, Ravlić S, Ružić T, Lisnić B, Miklić K, Brizić I, Matešić MP, Lisnić VJ, Halassy B, Rončević D, Knežević Z, Štefan L, Bertoglio F, Schubert M, Čičin-Šain L, Markotić A, Jonjić S, Krmpotić A. ChAdOx1-S adenoviral vector vaccine applied intranasally elicits superior mucosal immunity compared to the intramuscular route of vaccination. **European Journal of Immunology**. 52(6):936-945, 2022. (Čimbenik utjecaja**: 5,4)**
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mechanisms protecting fertility. **Immunity.** 54(7):1478-1493.e6, 2021. (Čimbenik utjecaja**: 43,474)**

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56. Lenac T, Arapović J, Traven L, Krmpotić A, Jonjić S. Murine cytomegalovirus regulation of NKG2D ligands. **Medical Microbiology and Immunology.** 197(2):159-66, 2008. (Čimbenik utjecaja: **2,222**)
57. Jonjić S, Babić M, Polić B, Krmpotić A. Immune evasion of natural killer cells by viruses. **Current Opinion in Immunology.** 20(1):30-8, 2008. (Čimbenik utjecaja: **10,455**)
58. Lenac T, Budt M, Arapović J, Hasan M, Zimmermann A, Šimić H, Krmpotić A, Messerle M, Ruzsics Z, Koszinowski UH, Hengel H, Jonjić S. The herpesviral Fc receptor fcr-1 as apotent down-regulator of the NKG2D ligands MULT-1 and H60. **Journal of Experimental Medicine.** 203(8):1843-1850, 2006. (Čimbenik utjecaja: **14,484**)
59. Krmpotić A, Hasan M, Loewendorf A, Saulig T, Halenius A, Lenac T, Polić B, Bubić I, Kriegeskorte A, Pernjak - Pugel E, Messerle M, Hengel H, Busch D, Koszinowski UH, Jonjić S. NK cell activation through the NKG2D ligand MULT-1 is selectively prevented by the glycoprotein encoded by mouse cytomegalovirus gene m145. **Journal of Experimental Medicine.** 201(2):211-220, 2005. (Čimbenik utjecaja: **13,965**)
60. Hasan M, Krmpotić A, Ruzsics Z, Bubić I, Lenac T, Halenius A, Loewendorf A, Messerle M, Hengel H, Jonjić S, Koszinowski UH. Selective down-regulation of the NKG2D ligand H60 by mouse cytomegalovirus m155 glycoprotein. **Journal of Virology.** 79(5):2920-2930, 2005. (Čimbenik utjecaja: **5,178**)
61. Bubić I, Wagner M, Krmpotić A, Saulig T, Kim S, Yokoyama W.M, Jonjić S, Koszinowski UH. Gain-of-virulence caused by loss of a gene in murine cytomegalovirus. **Journal of Virology.** 78:7536-7544, 2004. (Čimbenik utjecaja: **5,398**)
62. Krmpotić A, Bubić I, Polić B, Lučin P, Jonjić S. Pathogenesis of murine cytomegalovirus infection. **Microbes and Infection.** 5(13):1263-1277, 2003. (Čimbenik utjecaja: **3,772**)
63. Krmpotić A, Busch D, Bubić I, Gebhardt F, Hengel H, Hasan M, Scalzo A, Koszinowski U.H, Jonjić S. MCMV glycoprotein gp40 confers virus resistance to CD8+ T cells and NK cells in vivo. **Nature Immunology.** 3:529-35, 2002. (Čimbenik utjecaja: **27,868**)

64. Trgovcich J, Štimac D, Polić B, Krmpotić A, Pernjak-Pugel E, Tomac J, Hasan M, Wreber B, Jonjić S. Immune responses and cytokine induction in the development of severe hepatitis during acute infections with murine cytomegalovirus. **Archives of Virology.** 145:2601-2618, 2000. (Čimbenik utjecaja: **1,705**)
65. Krmpotić A*, Messerle M*, Crnković-Mertens I, Polić B, Jonjić S, Koszinowski UH. The immunoevasive function encoded by the mouse cytomegalovirus gene m152 protects the virus against t cell control in vivo. **Journal of Experimental Medicine.** 190:1285-1295, 1999. (Čimbenik utjecaja: **15,651**)
    * Autori dijele prvoautorstvo
66. Stančić MF, Potočnjak M, Mićović V, Krmpotić A, MacKinnon SA. Evaluation of functional nerve recovery shows that allogeneic nerve graft treated with ICAM-1 and LFA-1 mabs can be good alternative to syngeneic graft. **Acta Neurochirurgica (Wien).** 141:875-879, 1999. (Čimbenik utjecaja: **0,977**)
67. Polić B, Hengel H, Krmpotić A, Trgovcich J, Pavić I, Lučin P, Jonjić S, Koszinowski UH. Hierarchical and redundant lymphocyte subset control precludes cytomegalovirus replication during latent infection. **Journal of Experimental Medicine.** 188:1047-1054, 1998. (Čimbenik utjecaja: **15,236**)
68. Crnković-Mertens I, Messerle M, Milotić I, Szepan U, Kučić N, Krmpotić A, Jonjić S, Koszinowski UH. Virus attenuation after deletion of the cytomegalovirus Fc receptor gene is not due to antibody control. **Journal of Virology.** 72: 1377-1382, 1998. (Čimbenik utjecaja: **5,828**)

b) Rad objavljen u časopisu indeksiranom u Index Medicusu:

1. Krapac L, Krmpotić A, Pavićević L, Domljan Z. Cervicobrachial syndrome – work and disability. **Arh. Hig. Rada Toksikol.** 43:255-262, 1992.

c) Poglavlja u znanstvenim knjigama (indeksiranim u Current Book Contentsu):

1. Vidal S, Krmpotić A, Pyzik M, Jonjić S. "Innate Immunity to Cytomegalovirus in the Murine Model" u "Cytomegaloviruses: From Molecular Pathogenesis to Intervention**"** urednik: M.J. Reddehase, izdavač: Caister Academic Press, Norfolk UK, str.192-214, 2013.
2. Juranić Lisnić V, Gasparović I, Krmpotić A, Jonjić S. "Virus Interactions with NK Cell Receptors" u "Natural Killer Cells", urednik: J. Zimmer, izdavač: Springer-Verlag Berlin Heidelberg, str. 125-152, 2009.
3. Cekinović Đ, Slavuljica I, Lenac T, Krmpotić A, Polić B, Jonjić S. "Innate Immunity to Mouse Cytomegalovirus" u "National Institute of Allergy and Infectious Diseases, NIH: Frontiers in Research", urednik: Vassil St. Georgiev, izdavač: Humana Press Inc. Totowa NJ, str. 445-456, 2008.
4. Jonjić S, Krmpotić A, Arapović J, Koszinowski UH. "Dissection of the antiviral NK cell response by MCMV mutants" u Methods in Molecular Biology, vol. 415: "Innate Immunity", urednici: J. Ewbank and E. Vivier, izdavač: Humana Press Inc. Totowa NJ, str.127-149, 2008.

5. Jonjić S, Bubić I, Krmpotić A. "Innate Immunity to Cytomegalovirus" u: "Cytomegaloviruses: Molecular Biology and Immunology", urednik: M.J. Reddehase, izdavač: Caister Academic Press, Norfolk UK, str. 285-319, 2006.

d) Poglavlje u sveučilišnom priručniku:

1. Krmpotić A, Šimić H. „Monoklonska protutijela" u „Metode u molekularnoj biologiji", urednica: A. Ambriović Ristov, izdavač: Institut Ruđer Bošković, Zagreb, str. 657-676, 2007.

e) Broj citata

Prema ISI Web of Science Core Collection do 16. listopada 2024. godine radovi Astrid Krmpotić citirani su **3296** puta. H-indeks je **32**.

C. ZNANSTVENOISTRAŽIVAČKI PROJEKTI

1. 2024. – 2025. Voditelj projekta „Uloga stanica NK i kostimulacije u oblikovanju memorijskog odgovora CD8 limfocita T na citomegalovirus", **Uniri projekti iskusnih znanstvenika 2023 Sveučilišta u Rijeci**
2. 2023. – 2027. Suradnik na projektu "Senzor staničnog stresa NKG2D – uloga u neuroinflamatornom poremećaju" (IP-2022-10), voditelj projekta Marina Babić Čač, **Hrvatske zaklade za znanost**
3. 2019. – 2023. Voditelj projekta "Novi pristup razvoju cjepiva za kongenitalnu citomegalovirusnu infekciju" (VaccongCMV, broj projekta IP-2018-01-9086) **Hrvatske zaklade za znanost**
4. 2019. – 2023. Glavni istraživač iz Hrvatske projekta "Clonal dynamics of memory CD8 T cell inflation" (IZHRZ0_180552), **Hrvatsko-švicarskog programa istraživanja** (CSRP 2017-2023) (glavni istraživač iz Švicarske prof. Annette Oxenius, ETH, Zürich)
5. 2019. – 2023. Voditelj projekta „Izbjegavanje imunosnog nadzora posredovanog receptorom NCR1 od strane mišjeg citomegalovirusa", **Uniri projekti Sveučilišta u Rijeci**
6. 2017. – 2023. Suradnik na projektu (voditelj radnog paketa) na projektu **"Strengthening the capacity of CerVirVac (Croatian Centre of Excellence for Virus Immunology and Vaccines) for research in viral immunology and vaccinology",** European Regional Development Fund, coordinator: Stipan Jonjic, University of Rijeka Faculty of Medicine, partners: Centre for Research and Knowledge Transfer in Biotechnology of the University of Zagreb, Clinic for Infectious Diseases "Dr. Fran Mihaljevic", Zagreb

7. 2017. – 2023**.** Suradnik na projektu **"Inflammation and hearing loss following congenital CMV infection"**, National Institutes of Health (NIH) R01, koordinator: William J Britt, University of Alabama at Birmingham, USA

8. 2020. – 2022. Voditelj projekta "Atenuirani β-herpesvirus sa snažnim imunomodulatornim kapacitetom kao vektorsko cjepivo protiv SARS-CoV-2" (broj projekta IP-CORONA-04-2055) **Hrvatske zaklade za znanost**

9. 2018. – 2021. Voditelj projekta (mentor) "Projekt razvoja karijera mladih istraživača - izobrazba novih doktora znanosti" (DOK-01-2018) **Hrvatske zaklade za znanost**

10. 2018. – 2020. Suradnik na projektu "Augmenting and broadening T-cell responses to glioblastoma - therapeutic vaccine platform based on HCMV expressing NKG2D ligands (GLIOVACC)", Europska komisija, **Obzor 2020, ERC PoC**, voditelj S. Jonjić

11. 2015. – 2019. Voditelj projekta (mentor) "Projekt razvoja karijera mladih istraživača - izobrazba novih doktora znanost" (DR-6-2014) **Hrvatske zaklade za znanost**

12. 2014. – 2018. Voditelj projekta „Virus-specific Activating NK Cell Receptors and Their Viral Immunoevasion" (ViSpeNKRec, broj projekta 7132) **Hrvatske zaklade za znanost**

13. 2014. – 2018. suradnik na projektu "Molecular mechanisms of PVR (CD155) immunological pathways in viral and tumor pathogenesis", **Hrvatske zaklade za znanost**, (projekt 1533 (UIP-11-2013), PI: T Lenac Roviš)

14. 2014. – 2018. suradnik na projektu **"Centre of Excellence for Research in Viral Immunology and the Development of New Vaccines (CERVirVac)",** koordinator Stipan Jonjic (Medicinski fakultet Sveučilišta u Rijeci), partneri: Center for Research and Knowledge Transfer in Biotechnology of the University of Zagreb and The University Hospital for Infectious Diseases Zagreb; financiranog od **Ministarstva znanosti, obrazovanja i sporta Republike Hrvatske**

15. 2014. – 2018. Voditelj potpore „Aktivacijski receptori stanica NK specifični za citomegalovirus i citomegalovirusni imunosubverzivni mehanizmi" (/uniri_projects/ 616), **Potpora za postojeća istraživanja Sveučilišta u Rijeci**

16. 2013 – 2018. Suradnik na projektu "Strengthening adaptive immunity via innate immunity: enhancing the CD8 T cell response by using the NKG2D ligand expressed in a herpesvirus vector" - (StAdvInn) (**EU FP7 ERC-2012-AdG_20120314-Ideas**; PI: Jonjić S) financiran od **ERC (Europsko istraživačko vijeće)**

17. 2011. – 2016. Suradnik na projektu „Congenital CMV and CNS Infection Mechanisms of Protective Immunity" (RO1 AI089956-01A1; PI: Britt WJ) financiran od **National Institutes of Health USA (NIH)**

18. 2013. – 2016. suradnik na projektu **"Platform for trans-Academic Cooperation in Innovation (PACINNO)"** IPA Adriatic CBC Strategic project proposals, Koordinator: University of Trieste; voditelj na Medicinskom fakultetu u Rijeci: Stipan Jonjic)

19. 2011.- 2016. suradnik na projektu **"Viral Strategies of Immune Evasion (VISTRIE)",** koordinator: Luka Čičin-Šain, voditelj na Medicinskom fakultetu u Rijeci Stipan Jonjić, virtualni institute financiran od **Helmholtz Association of German Research Centres**

20. 2010. – 2013. voditelj WP3 („Congenital viral infections – facilitating clinical studies and pathogenesis") u sklopu **Upgrading the capacities for research in translational medicine at the Faculty of Medicine University of Rijeka (TransMedRi,** broj projekta 256686**)** financiran od **EU FP7-REGPOT- 2010-5**

21. 2009 – 2013. Suradnik na projektu "Viral evasion of NK cells" (RO1AI083201-01; PI: Jonjić S) financiran od **National Institutes of Health USA (NIH)**

22. 2006. – 2010. voditelj projekta **Howard Hughes Medical Institute (HHMI)** „The role of viral immunoevasins in the pathogenesis of the cytomegalovirus infection" (International Research Scholars Program grant, broj projekta HHMI#55005616)

23. 2007. – 2013. voditelj znanstvenoistraživačkog projekta „Uloga imunosubverzivnih citomegalovirusnih gena u latenciji" broj projekta 062-0621261-1268, financiranog od **Ministarstva znanosti, obrazovanja i sporta Republike Hrvatske**

24. 2002. – 2006. voditelj znanstvenoistraživačkog projekta "Uloga imunosubverzivnih gena citomegalovirusa u nadzoru latentne infekcije" (broj projekta 0062007) financiranog od **Ministarstva znanosti i tehnologije Republike Hrvatske**

25. 1996. – 2001. suradnik na znanstvenoistraživačkom projektu „Delecijske mutante citomegalovirusa", (broj projekta 006204), voditelj Stipan Jonjić, financiranog od **Ministarstva znanosti i tehnologije Republike Hrvatske**

D. ZNANSTVENE NAGRADE

2012. godine – Nagrada Zaklade Sveučilišta u Rijeci u ak. god. 2010./2011. u kategoriji znanstvenik, područje biomedicinske i biotehničke znanosti
2003. godine - Godišnja državna nagrada za značajno znanstveno otkriće
2001. godine - Nagrada Medicinskog fakulteta Sveučilišta u Rijeci najboljem mladom znanstveniku

E. ČLANSTVO U AKADEMIJAMA I ZNANSTVENIM DRUŠTVIMA

2024. – u trajanju Akademija medicinskih znanosti Hrvatske (član)
2000. – u trajanju Hrvatsko Imunološko Društvo (član)
2002. – u trajanju Hrvatsko Društvo za Laboratorijske Životinje (član)
2010. – u trajanju Hrvatsko Imunološko Društvo (član Malog vijeća)

F. POVJERENSTVA, ODBORI I RADNE SKUPINE

2014. – 2020.	Povjerenstvo za dobrobit životinja Medicinskog fakulteta Sveučilišta u Rijeci (član)
2009. – u trajanju	Povjerenstvo za znanstveno-istraživačku djelatnost Medicinskog fakulteta Sveučilišta u Rijeci (član)
2008. – 2009.	Povjerenstvo za znanstveno-istraživačku djelatnost Medicinskog fakulteta Sveučilišta u Rijeci (predsjednica)
2007. – 2014.	Fond „Jedinstvo uz pomoć znanja“ (član Povjerenstva za upravljanje)

G. POZVANA PREDAVANJA

1. Annual Meeting of the Croatian Immunological Society, Trakošćan, Croatia, 21. 11. 2002. “Role of NK cell activating receptors and ligands in the control of murine cytomegalovirus infection”
2. EMBO/HHMI Central European Scientists Meeting, Cavtat, Croatia, 16. 6. 2006. “Modulation of NK cell response by mouse cytomegalovirus”
3. 2006 Meeting of HHMI International Research Scholars, Ashburn, Virginia, USA, 28. 9. 2006. “The role of viral immunoevasins in the pathogenesis of cytomegalovirus infection”
4. 2008 Meeting of HHMI International Research Scholars, Lisabon, Portugal, 21. 06. 2008. “Immune evasion of NKG2D by murine cytomegalovirus”
5. Colloquium “Natural killer cells: Do they provide potential for prognosis and treatment of chronic diseases?”, Medical University Innsbruck, Austria, 23. 2. 2012. “Expression of NKG2D ligand improves vaccine and vector properties of recombinant MCMV”
6. 10th Symposium “Vaccination and immunotherapy in defense against infectious diseases and tumors”, The Croatian Academy of Sciences and Arts, The Department of Clinical and Transplantation Immunology and Molecular Medicine in Rijeka, Rijeka, Croatia, 25. 9. 2015. “Cytomegalovirus vector expressing NKG2D ligand provides long-lived memory CD8 T cells with outstanding protective capacity”
7. 16. simpozij “Istraživanja na modelima laboratorijskih životinja”, Hrvatska akademija znanosti i umjetnosti, Zavod za kliničku i transplantacijsku imunologiju i molekularnu medicinu u Rijeci, Rijeka, Hrvatska, 6. 10. 2016. “Istraživanja na životinjskim modelima još su uvijek bitna za većinu značajnih medicinskih otkrića: neki problemi i pogled u budućnost”
8. COVID-19 messages I “Advancement in virology research opportunity to improve international impact of the University of Rijeka”, The Croatian Academy of Sciences and Arts, The Department of Clinical and Transplantation Immunology and Molecular Medicine in Rijeka, Rijeka, Croatia, 24. 09. 2020. “Highly attenuated b-herpesvirus with potent immunomodulatory capacity as vaccine vector against SARS-CoV-2”
9. Mini simpozij “Borba protiv bolesti COVID-19 istraživanjima”, Znanstveni centar izvrsnosti za virusnu imunologiju i cjepiva i Centar za istraživanje i prijenos znanja u biotehnologiji Sveučilišta u Zagrebu, Zagreb, 26. 05. 2022. “Dizajniranje vektorskih cjepiva prilagođenih biologiji virusa te usporedba različitih puteva imunizacije”

10. “First 5 years of the CerVirVac: Symposium”, Center of Excellence for Virus Immunology and Vaccines, Rijeka, Croatia, 02.-03. 09. 2022. “Cytomegalovirus vaccine vectors against SARS-CoV-2 and comparison of different routes of immunization”

H. RECENZENT

- Znanstveni časopisi indeksirani u Current Contents-u: Croatian Medical Journal, European Journal of Histochemistry, Mammalian Genome, Virology Journal, Virus Genes, Bosnian Journal of Basic Medical Sciences, Frontiers in Microbiology, Cellular & Molecular Immunology, PeerJ, Medical Microbiology and Immunology
- Znanstveni projekti Ministarstva znanosti, obrazovanja i sporta
- Znanstveni projekti Hrvatske zaklade za znanost
- 2020. –2022. Član Panela za vrednovanje projektnih prijedloga u području biomedicine i zdravstva, polju temeljnih medicinskih znanosti, Znanost o životu 1, Hrvatska zaklada za znanost

I. ČLANSTVO U UREDNIČKOM ODBORU

2011 – 2017. Član uredničkog odbora Croatian Medical Journal

J. ZNANSTVENA USAVRŠAVANJA

1996. International Summer School on “Pathogenesis of Infectious Disease”, Crikvenica, Croatia
1998. John Humphrey Course “Effector Functions of Immune Cells”, Dubrovnik, Croatia
9-25.5.2013. LabAnim Course on Laboratory Animal Science (Certificate of Qualification Category 2 and 3 - FELASA cat. C equivalent)

K. ORGANIZACIJA MEĐUNARODNIH ZNANSTVENIH SKUPOVA

2009. (07. – 18. lipanj) HHMI-sponsored Advanced Laboratory Training Course „Viral Subversion of Immune Response“, Rijeka, Croatia
2010. (11.- 15. rujan) 12th Meeting of the Society for Natural Immunity, NK2010, Cavtat, Croatia
2012. (21.-22. svibanj) Workshop on Congenital Infections, TransMedRi, Department of Histology & Embryology, Faculty of Medicine, University of Rijeka, Rijeka
2019. (30. travnja) Kick-off meeting CSRP Švicarsko-Hrvatskog projekta "Clonal dynamics of memory CD8 T cell inflation", Centar za proteomiku, Rijeka
2025. (27.-30. travnja) 9th European Congress of Virology 2025, Cavtat (Dubrovnik), Croatia

L. MENTORSTVO DOKTORSKIH DISERTACIJA I PODIZANJE ZNANSTVENOG PODMLATKA

Mentorstvo/komentorstvo disertacija Marine Babić Čač (2011), Irene Slavuljice (2012), Maje Mitrović (2013), Vande Juranić Lisnić (2013), Branke Popović (2016), Jelene Železnjak (2019), Lee Hiršl (2019), Marka Šustića (2021).
Mentorstvo završnih radova studenata Medicinsko laboratorijske dijagnostike: Dijana Rumora (2011), Ivana Špehar (2013).
Mentorstvo studenata iz SAD koji su tijekom 2009. godine (3 mjeseca) boravili u laboratoriju, sponzorirano od HHMI: Nikola Jovanović (Kalamazoo College) i Andrea Henkel (St. Olaf College), te nekoliko studenata s Medicinskog fakulteta u Rijeci i Mostaru.

M. SUDJELOVANJE NA MEĐUNARODNIM ZNANSTVENIM SKUPOVIMA

Sudjelovanje oralnim ili poster prezentacijama na oko 200 domaćih i međunarodnih znanstvenih skupova.

III. NASTAVNA DJELATNOST

1. Poglavlje u knjizi

Krmpotić A, Šimić H. „Monoklonska protutijela" u „Metode u molekularnoj biologiji", urednica: A. Ambriović Ristov, izdavač: Institut Ruđer Bošković, Zagreb, str. 657-676, 2007.

2. Prijevodi

Prijevod 13. poglavlja: „Efektorski mehanizmi humoralne imunosti" sveučilišnog udžbenika iz imunologije: „Stanična i molekularna imunologija", 8. izdanje, autori: Abul K. Abbas, Andrew H. Lichtman i Shiv Pillai, urednik: D. Batinić, izdavač: Medicinska naklada, Zagreb, 2018.
Prijevod 15. poglavlja: „Probavni sustav" sveučilišnog udžbenika iz histologije: „Junqueira Histologija, udžbenik i atlas", 16. Izdanje, autor: Anthony L. Mescher, urednici: M. Ćurlin i D. Mitrečić, izdavač: Naklada Slap, Jastrebarsko, 2023.
Prijevod 13. poglavlja: „Efektorski mehanizmi humoralne imunosti" sveučilišnog udžbenika iz imunologije: „Stanična i molekularna imunologija", 10. izdanje, autori: Abul K. Abbas, Andrew H. Lichtman i Shiv Pillai, urednici: V. Lukinović-Škudar i D. Batinić, izdavač: Medicinska naklada, Zagreb, u tisku
Prijevod 6. Poglavlja:"Koštano tkivo" sveučilišnog udžbenika iz histologije „Ten Cateova Oralna histologija", 9. Izdanje, autor Antonio Nanci, urednici: B. Polić, A. Krmpotić, E. Pernjak Pugel, J. Tomac, izdavač Medicinska naklada, Zagreb, u tisku

3. Nastava na dodiplomskom studiju

1995. – 1996. Sudjelovanje u nastavi kolegija Fiziologija, Patofiziologija i Imunologija na Integriranom preddiplomskom i diplomskom sveučilišnom studiju Medicina te Integriranom preddiplomskom i diplomskom sveučilišnom studiju Dentalna medicina na Medicinskom fakultetu Sveučilišta u Rijeci
1996. – u trajanju Sudjelovanje u nastavi kolegija Histologija i embriologija na Integriranom preddiplomskom i diplomskom sveučilišnom studiju Medicina na Medicinskom fakultetu Sveučilišta u Rijeci
1996. – u trajanju Sudjelovanje u nastavi kolegija Histologija s embriologijom na Integriranom preddiplomskom i diplomskom sveučilišnom studiju Dentalna medicina na Medicinskom fakultetu Sveučilišta u Rijeci
2003. – 2006. Sudjelovanje u nastavi kolegija Kongenitalne virusne infekcije na Integriranom preddiplomskom i diplomskom sveučilišnom studiju Medicina na Medicinskom fakultetu Sveučilišta u Rijeci
2006. – u trajanju Voditelj kolegija Kongenitalne virusne infekcije na Integriranom preddiplomskom i diplomskom sveučilišnom studiju Medicina na Medicinskom fakultetu Sveučilišta u Rijeci
2006. – u trajanju Sudjelovanje u nastavi kolegija Anatomija i histologija na Preddiplomskom sveučilišnom studiju Sanitarno inženjerstvo na Medicinskom fakultetu Sveučilišta u Rijeci
2007. – u trajanju Sudjelovanje u nastavi kolegija Anatomija i histologija na Preddiplomskom stručnom studiju Fizioterapija na Fakultetu zdravstvenih studija Sveučilišta u Rijeci
2008. – u trajanju Sudjelovanje u nastavi kolegija Histologija na Preddiplomskom stručnom studiju Medicinsko-laboratorijske dijagnostike na Fakultetu zdravstvenih studija Sveučilišta u Rijeci
2012. – u trajanju Sudjelovanje u nastavi kolegija Embriologija za primalje na Preddiplomskom stručnom studiju Primaljstva na Fakultetu zdravstvenih studija Sveučilišta u Rijeci

4. Nastava na poslijediplomskom studiju

1998. – 2006. Sudjelovanje u nastavi kolegija Kultura stanica, Poslijediplomski doktorski studij Biomedicina
2006. – 2019 Voditelj kolegija Kultura stanica, Poslijediplomski doktorski studij Biomedicina
2006. – 2019 Voditelj kolegija Imunost na viruse, Poslijediplomski doktorski studij Biomedicina
2012. – 2019 Voditelj kolegija Kultura stanica, Poslijediplomski doktorski studij Zdravstveno i ekološko inženjerstvo

2020. – u trajanju Voditelj kolegija Patogeneza virusa II, Doktorska škola „Biomedicina i zdravstvo“ – studijski program „Biomedicina“
2020. – u trajanju Suradnik na kolegiju Patogeneza virusa I, Doktorska škola „Biomedicina i zdravstvo“ – studijski program „Biomedicina“
2020. – u trajanju Suradnik na kolegiju Urođena imunost, Doktorska škola „Biomedicina i zdravstvo“ – studijski program „Biomedicina“

ASTRID KRMPOTIĆ, MD, PHD

Curriculum Vitae

PERSONAL DATA

Office Address:	Department of Histology and Embryology University of Rijeka, Faculty of Medicine Brace Branchetta 20 51 000 Rijeka, Croatia
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Date/Place of Birth:	August 12, 1964, Vinkovci, Croatia

EDUCATION AND POSITIONS

1991	M.D., University of Zagreb, Zagreb, Croatia
1992-1993	Intern, Center of Health Rijeka, Rijeka, Croatia
1994	State exam in human medicine, Ministry of Health, Zagreb, Croatia
1995-2001	PhD Student, Dept. of Histology and Embryology, Faculty of Medicine University of Rijeka, Croatia
1998	M.S. in Biomedicine, University of Rijeka, Rijeka, Croatia
2001	Ph.D. in Biomedicine, University of Rijeka, Rijeka, Croatia
2001-2003	Postdoctoral fellow, Dept. of Histology and Embryology, Faculty of Medicine University of Rijeka, Croatia
2003-2006	Assistant Professor, Dept. of Histology and Embryology, Faculty of Medicine University of Rijeka, Croatia
2006-2012	Associate Professor, Dept. of Histology and Embryology, Faculty of Medicine University of Rijeka, Croatia
2012-present	Full Professor, Dept. of Histology and Embryology, Faculty of Medicine University of Rijeka, Croatia

AWARDS AND HONOURS

2001	University of Rijeka, Faculty of Medicine, Award for the Best Young Scientist
2003	Croatian National Annual Prize for Science
2006	Howard Hughes Medical Institute International Scholar

2012 University of Rijeka Foundation, Annual award for Science

RESEARCH INTEREST

Viral immunology, viral pathogenesis, vaccines

MEMBERSHIPS AND OTHER EXPERIENCE

2024-present Croatian Academy of Medical Sciences (member)
2014-2020 Animal Welfare Body of Faculty of Medicine in Rijeka, Croatia (member)
2010-present Croatian Immunological Society (member of Council)
2009-2023 Scientific Committee of Faculty of Medicine in Rijeka, Croatia (member)
2007-2014 Unity Through Knowledge Fund, Croatia (member of Steering Committee)
2002-present Croatian Society for Experimental Animals (member)
2000-present Croatian Immunological Society (member)

EDITORIAL BOARDS

2011-2017 Croatian Medical Journal

MANUSCRIPT AND GRANTS REVIEWER

Grants: Croatian Ministry of Science
2020-2022 Member of the Panel for the evaluation of project proposals in the field of
biomedicine and health, basic medical sciences, Life Science 1
Journals: Croatian Medical Journal, European Journal of Histochemistry, Mammalian Genome,
Virology Journal, Virus Genes, Bosnian Journal of Basic Medical Sciences, Frontiers
in Microbiology, Cellular & Molecular Immunology, PeerJ, Medical Microbiology and Immunology

MEETING ORGANIZATION

- 2009 Advanced Laboratory Training Course „Viral Subversion of Immune Response“, HHMI-sponsored, June 07–18, 2009, Rijeka, Croatia
- 12th Meeting of the Society for Natural Immunity, NK2010, September 11-15, 2010, Cavtat, Croatia

- Workshop on Congenital Infections, TransMedRi, Department of Histology & Embryology, Faculty of Medicine, University of Rijeka, May 21 - 22, 2012, Rijeka, Croatia
- Kick-off Meeting CSRP Swiss-Croatian project “"Clonal dynamics of memory CD8 T cell inflation”, April 30, 2019, Rijeka, Croatia
- 9th European Congress of Virology 2025, April 27-30, 2025, Cavtat, Croatia

GRANTS

1. “Cellular stress sensor NKG2D – role in driving neuroinflammation”, Croatian Science Foundation, 2023 – 2027. PI: M. Babić Čač, Role: researcher on grant
2. “The role of NK cells and costimulation in shaping the memory response of CD8 T lymphocytes to cytomegalovirus” UNIRI projects for experienced scientists, University of Rijeka, 2024 – 2025. Role: PI
3. “Clonal dynamics of memory CD8 T cell inflation”, Swiss - Croatian Cooperation Programme, (grant number 180552), 2019 – 2022. Swiss PI: A. Oxenius; Role: Croatian PI
4. “Highly attenuated β-herpesvirus with potent immunomodulatory capacity as vaccine vector against SARS-CoV-2”, (IP-CORONA-04-2055), Croatian Science Foundation, 2020 – 2022. Role: PI
5. “New Approach for Development of Vaccine for Cytomegalovirus Infection”, (VaccongCMV, IP-2018-01-9086), Croatian Science Foundation, 2019 – 2023. Role: PI
6. “Augmenting and broadening T-cell responses to glioblastoma - therapeutic vaccine platform based on HCMV expressing NKG2D ligands (GLIOVACC)”, ERC Proof of Concept, PI: S. Jonjić, 2018 – 2020. Role: researcher on grant
7. "Centre of Excellence for Research in Viral Immunology and the Development of New Vaccines (CERVirVac)", and "Strengthening the capacity of CerVirVac for research in viral immunology and vaccinology", European Regional Development Fund, coordinator S. Jonjic, University of Rijeka, Faculty of Medicine, partners: Center for Research and Knowledge Transfer in Biotechnology of the University of Zagreb and The University Hospital for Infectious Diseases Zagreb; 2014-2023. Role: leader of WP3
8. "Inflammation and hearing loss following congenital CMV infection", (R01, PI: Britt WJ) National Institutes of Health USA (NIH), 2017 – 2023. Role: researcher on grant
9. “Molecular mechanisms of PVR (CD155) immunological pathways in viral and tumor pathogenesis” (UIP-11-2013; 1533), Croatian Science Foundation, 2014 – 2018. PI: T. Lenac Roviš, Role: researcher on grant
10. „Virus-specific Activating NK Cell Receptors and Their Viral Immunoevasion“ (ViSpeNKRec, 7132), Croatian Science Foundation, 2014 – 2018. Role: PI
11. "Strengthening adaptive immunity via innate immunity: enhancing the CD8 T cell response by using the NKG2D ligand expressed in a herpesvirus vector” - (StAdvInn) (EU FP7 ERC-2012-AdG_20120314-Ideas; PI: Jonjić S), 2013 – 2018. Role: scientific team member

12. „Congenital CMV and CNS Infection Mechanisms of Protective Immunity“ (R01 AI089956-01A1; PI: Britt WJ) National Institutes of Health USA (NIH), 2011 – 2016. Role: researcher on grant
13. "Platform for trans-Academic Cooperation in Innovation (PACINNO)" IPA Adriatic CBC Strategic project proposals, Coordinator: University of Trieste, PI at Faculty of Medicine in Rijeka: S. Jonjić, 2013 – 2016. Role: scientific team member
14. "Viral Strategies of Immune Evasion (VISTRIE)", coordinator: Luka Čičin-Šain, PI at Faculty of Medicine in Rijeka: S. Jonjić, Virtual Institute financed by Helmholtz Association of German Research Centres, 2011 – 2016. Role: scientific team member
15. “Viral evasion of NK cells” (RO1AI083201-01; PI: Jonjic S) National Institutes of Health USA (NIH), 2009 – 2013. Role: researcher on grant
16. „Congenital viral infections – facilitating clinical studies and pathogenesis“, WP3 of FP7-REGPOT-2010-5TransMedRi project, 2010 - 2013. Role: leader of WP3
17. “The role of cytomegalovirus immunoevasion genes in latency” (062-0621261-1268), Ministry of Science, Education and Sport, Croatia, 2007 – 2013. Role: PI
18. „The role of viral immunoevasins in the pathogenesis of the cytomegalovirus infection“, Howard Hughes Medical Institute (HHMI) (International Research Scholars Program grant, HHMI#55005616), 2006 - 2010. Role: PI
19. „The role of viral immunosubverzive genes in control of latent CMV infection“ (Project 0062007), Ministry of Science, Education and Technology, Croatia, 2002 - 2006. Role: PI

PUBLICATIONS

Till October 16, 2024, according to Web of Science Core Collection, work of Astrid Krmpotić has been **cited 3296 times**. The ***h*-index** of the author is **32**.

1. Karner D, Kvestak D, Kucan Brlic P, Cokaric Brdovcak M, Lisnic B, Brizic I, Juranic Lisnic V, Golemac M, Tomac J, Krmpotic A, Karkeni E, Libri V, Mella S, Legname G, Altmeppen HC, Hasan M, Jonjic S, Lenac Rovis T. Prion protein alters viral control and enhances pathology after perinatal cytomegalovirus infection. **Nature Communications**. 15(1):7754, 2024.
2. Metzdorf K, Jacobsen H, Kim Y, Teixeira Alves LG, Kulkarni U, Eschke K, Chaudhry MZ, Hoffmann M, Bertoglio F, Ruschig M, Hust M, Cokarić Brdovčak M, Materljan J, Šustić M, Krmpotić A, Jonjić S, Widera M, Ciesek S, Pöhlmann S, Landthaler M, Čičin-Šain L. A single-dose MCMV-based vaccine elicits long-lasting immune protection in mice against distinct SARS-CoV-2 variants. **Frontiers in Immunology**. 15:1383086, 2024.
3. Rožmanić C, Lisnić B, Pribanić Matešić M, Mihalić A, Hiršl L, Park E, Lesac Brizić A, Indenbirken D, Viduka I, Šantić M, Adler B, Yokoyama WM, Krmpotić A, Juranić Lisnić V, Jonjić S, Brizić I. Perinatal murine cytomegalovirus infection reshapes the transcriptional profile and functionality of NK cells. **Nature Communications**. 14(1):6412, 2023.
4. Herb S, Zeleznjak J, Hennig T, L'Hernault A, Lodha M, Jürges C, Trsan T, Juranic Lisnic V, Jonjic S, Erhard F, Krmpotic A*, Dölken L*. Two murine cytomegalovirus

microRNAs target the major viral immediate early 3 gene. **Journal of General Virology**. 103(11), 2022. *co-senior authors

5. Brdovčak MC, Materljan J, Šustić M, Ravlić S, Ružić T, Lisnić B, Miklić K, Brizić I, Matešić MP, Lisnić VJ, Halassy B, Rončević D, Knežević Z, Štefan L, Bertoglio F, Schubert M, Čičin-Šain L, Markotić A, Jonjić S, Krmpotić A. ChAdOx1-S adenoviral vector vaccine applied intranasally elicits superior mucosal immunity compared to the intramuscular route of vaccination. **European Journal of Immunology**. 52(6):936-945, 2022.
6. Kim Y, Zheng X, Eschke K, Chaudhry MZ, Bertoglio F, Tomić A, Krmpotić A, Hoffmann M, Bar-On Y, Boehme J, Bruder D, Ebensen T, Brunotte L, Ludwig S, Messerle M, Guzman C, Mandelboim O, Hust M, Pöhlmann S, Jonjić S, Čičin-Šain L. MCMV-based vaccine vectors expressing full-length viral proteins provide long-term humoral immune protection upon a single-shot vaccination. **Cellular and Molecular Immunology**. 19(2):234-244, 2022.
7. Šustić M, Cokarić Brdovčak M, Krmpotić A, Jonjić S. CD8 T Cell Vaccines and a Cytomegalovirus-Based Vector Approach. **Life (Basel).** 11(10):1097, 2021.
8. Šustić M, Cokarić Brdovčak M, Lisnić B, Materljan J, Juranić Lisnić V, Rožmanić C, Indenbirken D, Hiršl L, Busch DH, Brizić I, Krmpotić A, Jonjić S. Memory CD8 T cells generated by cytomegalovirus vaccine vector expressing NKG2D ligand have effector-like phenotype and distinct functional features. **Frontiers in Immunology**. 12:681380, 2021.
9. Tomac J, Mazor M, Lisnić B, Golemac M, Kveštak D, Bralić M, Bilić Zulle L, Brinkmann MM, Dölken L, Reinert LS, Paludan SR, Krmpotić A, Jonjić S, Juranić Lisnić V. Viral infection of the ovaries compromises pregnancy and reveals innate immune mechanisms protecting fertility. **Immunity.** 54(7):1478-1493.e6, 2021.
10. Kveštak D, Juranić Lisnić V, Lisnić B, Tomac J, Golemac M, Brizić I, Indenbirken D, Cokarić Brdovčak M, Bernardini G, Krstanović F, Rožmanić C, Grundhoff A, Krmpotić A, Britt WJ, Jonjić S. NK/ILC1 cells mediate neuroinflammation and brain pathology following congenital CMV infection. **Journal of Experimental Medicine.** 218(5):e20201503, 2021.
11. Angulo G, Zeleznjak J, Martínez-Vicente P, Puñet-Ortiz J, Hengel H, Messerle M, Oxenius A, Jonjic S, Krmpotic A, Engel P, Angulo A. Cytomegalovirus restricts ICOSL expression on antigen presenting cells disabling T cell co-stimulation and contributing to immune evasion. **Elife.** 10:e59350, 2021.
12. Strazic Geljic I, Kucan Brlic P, Angulo G, Brizic I, Lisnic B, Jenus T, Juranic Lisnic V, Pietri GP, Engel P, Kaynan N, Zeleznjak J, Schu P, Mandelboim O, Krmpotic A, Angulo A, Jonjic S, Lenac Rovis T. Cytomegalovirus protein m154 perturbs the adaptor protein-1 compartment mediating broad-spectrum immune evasion. **Elife.** 9:e50803, 2020.
13. Aguilar OA, Sampaio IS, Rahim MMA, Samaniego JD, Tilahun ME, Krishnamoorthy M, Popović B, Babić M, Krmpotić A, Treanor B, Margulies DH, Allan DSJ, Makrigiannis AP, Jonjić S, Carlyle JR. Mouse cytomegalovirus m153 protein stabilizes expression of the inhibitory NKR-P1B ligand, Clr-b. **Journal of Virology.** 94(1):e01220-19, 2019.
14. Zheng X, Oduro JD, Boehme JD, Borkner L, Ebensen T, Heise U, Gereke M, Pils MC, Krmpotic A, Guzmán CA, Bruder D, Čičin-Šain L. Mucosal CD8+ T cell responses induced by an MCMV based vaccine vector confer protection against influenza challenge. **PLOS Pathogens.** 15(9):e1008036, 2019.

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16. Brizić I, Hiršl L, Šustić M, Golemac M, Britt WJ, Krmpotić A, Jonjić S. CD4 T cells are required for maintenance of CD8 T_{RM} cells and virus control in the brain of MCMV-infected newborn mice. **Medical Microbiology and Immunology**. 208(3-4):487-494, 2019.
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24. Tršan T, Vuković K, Filipović P, Lesac Brizić A, Lemmermann NAW, Schober K, Busch DH, Britt WJ, Messerle M, Krmpotić A*, Jonjić S*. Enhanced anti-tumor capacity of CD8+ T cells induced by cytomegalovirus vector expressing RAE-1γ. **European Journal of Immunology.** 47(8):1354-1367, 2017. *co-senior authors
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28. Milovanovic J, Popovic B, Milovanovic M, Kvestak D, Arsenijevic A, Stojanovic B, Tanaskovic I, Krmpotic A, Arsenijevic N, Jonjic S, Lukic ML. Murine Cytomegalovirus Infection Induces Susceptibility to EAE in Resistant BALB/c Mice. **Frontiers in Immunology**. 8:192, 2017.
29. Tomić A, Varanasi PR, Golemac M, Malić S, Riese P, Borst EM, Mischak-Weissinger E, Guzmán CA, Krmpotić A, Jonjić S, Messerle M. Activation of Innate and Adaptive Immunity by a Recombinant Human Cytomegalovirus Strain Expressing an NKG2D Ligand. **PLOS Pathogens.** 12(12):e1006015, 2016.
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43. Slavuljica I, Krmpotić A, Jonjić S. Manipulation of NKG2D ligands by cytomegaloviruses: impact of innate and adaptive immune response. **Frontiers in Immunology.** 2:85, 2011.
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53. Arapović J, Lenac Roviš T, Reddy AB, Krmpotić A, Jonjić S. Promiscuity of MCMV immunoevasin of NKG2D : m138/fcr-1 down-modulates RAE-1epsilon in addition to MULT-1 and H60. **Molecular Immunology.** 47(1):114-22, 2009.
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severe hepatitis during acute infections with murine cytomegalovirus. **Archives of Virology.** 145:2601-2618, 2000.

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Book chapters:

1. Vidal S, Krmpotić A, Pyzik M, Jonjić S. "Innate Immunity to Cytomegalovirus in the Murine Model" in "Cytomegaloviruses: From Molecular Pathogenesis to Intervention**"** editor: M.J. Reddehase, publisher: Caister Academic Press, pp.192-214, 2013.
2. Juranić Lisnić V, Gasparović I, Krmpotić A, Jonjić S. "Virus Interactions with NK Cell Receptors" in "Natural Killer Cells", editor: J. Zimmer, publisher: Springer-Verlag Berlin Heidelberg, pp. 125-152, 2009.
3. Cekinović Đ, Slavuljica I, Lenac T, Krmpotić A, Polić B, Jonjić S. "Innate Immunity to Mouse Cytomegalovirus" in "National Institute of Allergy and Infectious Diseases, NIH: Frontiers in Research", editor: Vassil St. Georgiev, publisher: Humana Press, pp. 445-456, 2008.
4. Jonjić S, Krmpotić A, Arapović J, Koszinowski UH. "Dissection of the antiviral NK cell response by MCMV mutants" in Methods in Molecular Biology, vol. 415: "Innate Immunity", editors: J. Ewbank and E. Vivier, publisher: Humana Press Inc., pp. 127-149, 2007.
5. Jonjić S, Bubić I, Krmpotić A. "Innate Immunity to Cytomegalovirus" in: "Cytomegaloviruses: Molecular Biology and Immunology", editor: M.J. Reddehase, publisher: Caister Academic Press, pp. 286-319, 2006.

PRINCIPAL ADVISOR/COADVISOR

Marina Babic Cac	Ph.D.	2011
Irena Slavuljica	Ph.D.	2012
Maja Arapovic	Ph.D.	2013
Vanda Juranić Lisnić	Ph.D.	2013
Branka Popović	Ph.D.	2016

Jelena Železnjak	Ph.D.	2019
Lea Hiršl	Ph.D.	2019
Marko Šustić	Ph.D.	2021

INVITED TALKS

1. Annual Meeting of the Croatian Immunological Society, Trakošćan, Croatia, 2002. "Role of NK cell activating receptors and ligands in the control of murine cytomegalovirus infection"
2. EMBO/HHMI Central European Scientists Meeting, Cavtat, Croatia, 2006. "Modulation of NK cell response by mouse cytomegalovirus"
3. 2006 Meeting of HHMI International Research Scholars, Ashburn, Virginia, USA, 2006. "The role of viral immunoevasins in the pathogenesis of cytomegalovirus infection"
4. 2008 Meeting of HHMI International Research Scholars, Lisabon, Portugal, 2008. "Immune evasion of NKG2D by murine cytomegalovirus"
5. Colloquium "Natural killer cells: Do they provide potential for prognosis and treatment of chronic diseases?", Medical University Innsbruck, Austria, 2012. "Expression of NKG2D ligand improves vaccine and vector properties of recombinant MCMV"
6. 10th Symposium "Vaccination and immunotherapy in defense against infectious diseases and tumors", The Croatian Academy of Sciences and Arts, The Department of Clinical and Transplantation Immunology and Molecular Medicine in Rijeka, Rijeka, Croatia, 2015. "Cytomegalovirus vector expressing NKG2D ligand provides long-lived memory CD8 T cells with outstanding protective capacity"
7. 16th Symposium "Research on animal models", Croatian Academy for Sciences and Arts, The Department of Clinical and Transplantation Immunology and Molecular Medicine in Rijeka, Rijeka, Croatia, 2016. "Research on animal models – some problems and future perspectives"
8. COVID-19 messages I "Advancement in virology research opportunity to improve international impact of the University of Rijeka", The Croatian Academy of Sciences and Arts, The Department of Clinical and Transplantation Immunology and Molecular Medicine in Rijeka, Rijeka, Croatia, 2020. "Highly attenuated b-herpesvirus with potent immunomodulatory capacity as vaccine vector against SARS-CoV-2"
9. Mini Symposium "The fight against COVID-19 with research", Center of Excellence for Virus Immunology and Vaccines and Center for Research and Knowledge Transfer in Biotechnology, University of Zagreb, Zagreb, 2022. "Designing vector vaccines adapted to virus biology and comparison of different immunization routes"
10. "First 5 years of the CerVirVac: Symposium", Center of Excellence for Virus Immunology and Vaccines, Rijeka, Croatia, 2022. "Cytomegalovirus vaccine vectors against SARS-CoV-2 and comparison of different routes of immunization"

ABSTRACTS

Total of 200 titles/abstracts of oral presentations and/or posters on national and international congresses.