**prof.dr.sc. Stipan Jonjić**

***Curriculum Vitae***

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| **OSOBNI PODACI** | |
| Posao: | Zavod za histologiju i embriologiju i  Centar za proteomiku  Sveučilište u Rijeci, Medicinski fakultet  B. Branchetta 20  51000 Rijeka, Hrvatska   |  |  | | --- | --- | | Telefon: | +385 51 651 170 | | Fax: | +385 51 651 176 | | web: | <http://www.medri.hr/~jstipan> | |
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| Datum i mjesto rođenja: | 14. srpnja 1953. Kupres, Bosna i Hercegovina |
| **ŠKOLOVANJE, RADNA MJESTA** | |
|  |  |
| 1968 – 1971 | Srednja medicinska škola, Sarajevo |
| 1971 – 1976 | Medicinski fakultet Rijeka, dr.med. |
| 1979 – 1982 | Poslijediplomski studij, Medicinski fakultet Rijeka |
| 1979 ‑ 1986 | Asistent, Zavod za fiziologiju i imunologiju, Medicinski fakultet Rijeka |
| 1982 | Magisterij znanosti |
| 1982 - 1983 | Asistent, Predstojnik Zavoda/Katedre za histologiju i embriologiju |
| 1985 | Doktorat znanosti |
| 1986 | Docent, Zavod za fiziologiju i imunologiju, Medicinski fakultet Rijeka |
| 1986 | Federal Research Center for Virus Diseases – Tübingen, Njemačka |
| 1990 | Izvanredni profesor, Medicinski fakultet Rijeka |
| 1992 | Redoviti profesor, Medicinski fakultet Rijeka |
| 1996 - | Predstojnik Zavoda/Katedre za histologiju i embriologiju,  Medicinski fakultet Rijeka |
| 1997 - 2007 | Pročelnik Katedre za biologiju i medicinsku genetiku, Medicinski fakultet Sveučilišta u Mostaru |
| 1999 - 2003 | Dekan Medicinskog fakulteta Sveučilišta u Rijeci |
| 2006 - | Voditelj Centra za proteomiku Medicinskog fakulteta u Rijeci |
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| **NAGRADE I ODLIKOVANJA** | |
| 1975 | Prva nagrada Sveučilišta u Rijeci za najbolji znanstveni rad studenata |
| 1991 | Nagrada grada Rijeke za međunarodno priznati znanstveni doprinos na području medicine |
| 1993 | Državna nagrada "Ruđer Bošković" za značajna znanstvena otkrića |
| 1994 | Günther Weitzel Science Award 1994. (Liga za razvoj molekulske biologije i biotehnologije, Tübingen, Njemačka) |
| 1995 | Orden predsjednika Republike Hrvatske - Red Danice Hrvatske s likom Ruđera Boškovića |
| 2000 | Godišnja nagrada Županije primorsko - goranske za znanstveni rad |
| 2003 | Godišnja nagrada Hrvatske akademije znanosti i umjetnosti za doprinos od osobitog i trajnog značenja za Republiku Hrvatsku u području medicinskih znanosti |
| 2004 | Priznanje Medicinskog fakulteta Sveučilišta u Rijeci za doprinos u razvoju stomatološke djelatnosti, nastave i znanosti |
| 2007 | Raine Foundation Visiting Professor, University of Western Australia |
| 2009  2013 | Nagrada "Ante Šercer" Akademije medicinskih znanosti Hrvatske Državna nagrada za znanost Hrvatskog sabora - nagrada za životno djelo |
| **UREĐIVAČKI ODBOR** | |
| Acta Medica Academica  Cellular & Molecular Immunology – Assistant editor-in-chief (2017 – 2020)  Current  Immunology Reviews - Editorial Advisory Board Member  European Journal of Immunology (EJI)  Frontiers in Microbial Immunity  Herpesviridae  Microbes and Infections  Plos Pathogens - pridruženi urednik | |
| **ČLANSTVA** | |
| 1994 – 2002 | Nacionalno znanstveno vijeće |
| 2000 – 2003 | Nacionalno vijeće za visoku naobrazbu |
| 2000 - | American Society for Microbiology |
| 2002 – 2006 | Hrvatsko imunološko društvo, predsjednik |
| 2005 - | Society for Natural Immunity |
| 2006 - 2011 | EU FP6/ FP7 Programme Committee – Zdravlje |
| 2006 - 2010  2010 -  2012 -  2012 -  2013 -  2014  2015 -  2016  2016 - 2020    2016 - | Nacionalno povjerenstvo za FP7 projekte, predsjednik  Upravni odbor Hrvatske zaklade za znanost  Upravno vijeće Instituta za medicinska istraživanja i medicinu rada, predsjednik  Njemačka nacionalna akademija znanosti – LEOPOLDINA, član  Predsjednik Savjeta za znanost Sveučilišta u Rijeci  Član EU ERC Starting Grant panela LS6 – 'Immunity and Infections' 2014.  European Academy of Microbiology  Član EU ERC Starting Grant panela LS6 – 'Immunity and Infections' 2016  Heinrich Pette Institute, Leibniz Institute for Experimental Virology (HPI), Scientific Advisory Board, član  Hrvatski sabor – član Odbora za podjelu državnih nagrada |
| **ORGANIZACIJA ZNASTVENIH SKUPOVA** | |
| 1. Fourth International Meeting "Mechanisms in Local Immunity" (član organizacijskog odbora), 16. – 19. rujan 1998. Opatija 2. VIII International Congress of Reproductive Immunology (član organizacijskog odbora), 2. – 6. srpanj 2001. Opatija 3. Godišnji simpozij Hrvatskog imunološkog društva (predsjednik), 2002.– Trakošcan 4. Godišnji simpozij Hrvatskog imunološkog društva (predsjednik), 2003. – Brijuni 5. Godišnji simpozij Hrvatskog imunološkog društva (predsjednik), 2004.– Opatija 6. BMBF Summer School "Proteomics Basics" (u suradnji s Henning Urlaub, Max-Planck-Institute for Biophysical Chemistry), 24. -29. rujan 2004. Opatija 7. Godišnji simpozij Hrvatskog imunološkog društva (predsjednik), 2005. - Božava, Dugi otok 8. 30th International Herpesvirus Workshop IHW (clan znanstvenog odbora), 30. srpanj – 5. kolovoza 2005., Turku, Finska 9. Croatian – Israeli Kick-off Meeting on Viral Immunology and Pathogenesis, 23.ožujak 2007. Rijeka 10. Marie Curie Summer School "NK Defence and Therapy", 28. – 31. kolovoz 2007. i EPO Course 01. – 05. rujan 2007. Božava, Dugi otok 11. Advanced Laboratory Training Course: Viral Subversion of Immune Response, Howard Hughes Medical Institute, 08. - 17. lipanj 2009. Rijeka 12. 12th Meeting of the Society for Natural Immunity,11. - 15. rujan 2010. Cavtat - Dubrovnik 13. Fc protein expression of type I and type II proteins - 1st CAPRI2010 Advanced Laboratory Workshop", 2. - 8. svibanj 2011. Rijeka 14. Advanced production techniques for complex protein biologics - 2st CAPRI2010 AdvancedLaboratory Workshop, 24. - 27. listopad 2011. Rijeka 15. Antibody engineering: from murine hybridoma to therapeutics - 3rd CAPRI2010 Advanced Laboratory Workshop, 13. - 14. veljača 2012. Rijeka 16. Small Animal Imaging Workshop, TransMedRi, Department of Histology & Embryology, Faculty of Medicine, University of Rijeka, 15. - 16. ožujak 2012, Rijeka 17. Workshop on Congenital Infections, TransMedRi, Department of Histology & Embryology, Faculty of Medicine, University of Rijeka, 21. - 22. svibanj 2012, Rijeka 18. I. IPA trening radionica o strategijama komercijalizacije ''MEDRI meets industry'', - Prema poduzetničkom sveučilištu: prijenos znanja s Medicinskog fakulteta u Rijeci u biotehnološki poslovni sektor, financirana sredstvima programa IPA SIIF, Medicinski fakultet Sveučilišta u Rijeci, 15. srpanj 2013, Rijeka 19. II. IPA trening radionica ''Učinkovita translacija istraživanja i razvoja cjepiva'' u skopu projekta ''Prema poduzetničkom sveučilištu: prijenos znanja s Medicinskog fakulteta u Rijeci u biotehnološki poslovni sektor'', financirana sredstvima programa IPA SIIF, Medicinski fakultet Sveučilišta u Rijeci, 15. listopad 2013, Rijeka 20. III. IPA trening radionica ''Strategije partnerstva u razvoju dijagnostičkih metoda'' u skopu projekta ''Prema poduzetničkom sveučilištu: prijenos znanja s Medicinskog fakulteta u Rijeci u biotehnološki poslovni sektor'', financirana sredstvima programa IPA SIIF, Medicinski fakultet Sveučilišta u Rijeci, 6. prosinac 2013, Rijeka 21. IV. IPA trening radionica ''Pre-clinical testing opportunities'' u sklopu projekta ''Prema poduzetničkom sveučilištu: Prijenos znanja s Medicinskog fakulteta Sveučilišta u Rijeci u biotehnološki poslovni sektor'', financirana sredstvima programa IPA SIIF, Medicinski fakultet Sveučilišta u Rijeci, 21. ožujka 2014., Rijeka 22. II sastanak Upravnog i Savjetodavnog odbora projekta PACINNO (Platform for trans-Academic Cooperation in Innovation)-IPA, 23.-24. lipanj, 2014. Rijeka 23. Završna konferencija projekta ''Prema poduzetničkom sveučilištu: Prijenos znanja s Medicinskog fakulteta Sveučilišta u Rijeci u biotehnološki poslovni sektor – EntrepMEDRI'', 10. travnja 2015., Rijeka 24. 3rd Belgrade EFIS symposium on immunoregulation, immunity, infection, autoimmunity and aging (Miodrag Lukić, Stipan Jonjić, Janko Nikolich-Zugich), 24.-27. svibanj, 2015., Aranđelovac, Srbija 25. Vaccination and immunotherapy in defense against infectious diseases and tumors symposium, koorganizatori: Hrvatska akademija znanosti i umjetnosti i Znanstveni centar izvrsnosti za virusnu imunologiju i cjepiva, 25. rujan 2015., Rijeka 26. Radionica na temu komercijalizacije antitijela – su financirana projektom Hrvatske zaklade za znanost: ''Molekularni mehanizmi imunološkog djelovanja PVR (CD155) u virusnoj i tumorskoj pategenizi. (Tihana Lenac Roviš), 4. – 6. svibanj 2016., Rijeka 27. Simpozij ''Viral pathogenesis and immunity'', 10. obljetnica Centra za proteomiku, 29. – 30.9.2016., Rijeka | |
| **PODRUČJE ISTRAŽIVANJA** | |
| imunologija, molekularna virusologija, virusna patogeneza, proteomika | |
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| **VAŽNIJA ZNANSTVENA POSTIGNUĆA** | |
| 1. *Otkriće fiziološkog plasticiteta T-staničnog odgovora na virusnu infekciju – dokaz da miševi sa deficijentnim CD8+ T stanicama uklanjaju virus putem kompenzatornog odgovora posredovanog CD4+ T stanicama (****J. Virol.*** *64:5457-5464, 1990)* 2. *Dokaz da su za sprečavanje horizontalnog prijenosa MCMV infekcije potrebne CD4-stanice i IFN-gama (****J. Exp. Med****. 169:1199-1212, 198* ***J. Virol.*** *66:1977-1984, 1992)* 3. *Dokaz da za razriješavanje primarne infekcije, uspostavljanje i održavanje latencije nisu potrebna antivirusna antitijela, ali da ona ipak igraju ključnu ulogu u ograničavanju reaktivacije latentne herpesvirusne infekcije (****J. Exp. Med.*** *179:1713-1717, 1994)* 4. *Dokaz da CD8+ i CD4+ T stanice, kao i IFN-gama i NK stanice pojedinačno ali hijerarhijski pridonose na redundantan način imunosnom nadzoru herpesvirusne latencije i prevenciji rekurentne infekcije* (***J. Exp. Med****. 188:1047-1054, 1998*) 5. *Prvi dokaz da virusni imunevazini za molekule tkivne snošljivosti razreda I (MHC-I) imaju ulogu u nadzoru virusa in vivo* (***J. Exp. Med.*** *190:1285-1295, 1999*) 6. *Otkriće nekoliko virusnih gena koji negativno reguliraju ispoljavanje staničnih liganada za aktivacijski receptor NKG2D i njihova karakterizacija. Za prvi rad u ovom nizu Znanstveni časopis Nature Immunology objavio je i poseban osvrt (News and views)* (***Nat. Immunol.*** *3:529-535, 2002;* ***J. Virol****. 79:2920-30, 2005;* ***J. Exp. Med****. 201:211-220, 2005;* ***J. Exp. Med****. 203:1843-50, 2006*) 7. *Uspostava mišjeg modela za prirođenu citomegalovirusnu infekciju središnjeg živčanog sustava* (***J. Exp. Med****. 205:423-35, 2008;* ***J. Virol.*** *82(24):12172-80, 2008)* 8. *Novootkriveni inhibicijski receptor ispoljen na različitim humanism imunološkim stanicama* (***PNAS USA*** *106(42):17858-63, 2009)* 9. *Dokaz da je za aktivaciju NK-stanica putem aktivacijskog receptora Ly49Pesencijalan virusni protein m04 (****J. Exp. Med.*** *206(3):515-23, 2009)* 10. *Prvi dokaz da u nadzoru virusne infekcije NK-stanicama važnu ulogu igra tzv. mehanizam missing-self. (****J. Exp. Med.*** *207(12):2663-73, 2010)* 11. *Dokaz da rekombinantni beta-herpesvirus koji ispoljava ligand za aktivacijski receptor NKG2D ima snažna imunopotencirajuća svojstva te može poslužiti kao izvrsna vakcina i/ili vakcinski vektor (****JCI*** *120:4532-45;2010;* ***PNAS USA****, 110:16550-5; 2013)* 12. *Sveobuhvatna analiza transkriptoma virusa i domaćina tijekom litiče infekcije citomegalovirusom.*(***PLoS Pathogens****, 9(9):e1003611. doi: 10.1371/journal.ppat.1003611. 201)* 13. *Sveobuhvatna analiza proteina varicella zoster virusa pomoću nove zbirke monoklonskihi protutijela (****J. Virol.****, 87(12):6943-6954; 2013)* | |
|  | |
| **RECENZENT: ZA ZNANSTVENE ČASOPISE** | |
|  | Antiviral Research  Archives of Virology  Blood  Cell Host & Microbe  Croatian Medical Journal  eLife  Expert Review of Vaccines  Infection and Immunity  International Immunology  International Immunopharmacology  Immunity  Nature Communication  Nature Immunology  Journal of Experimental Medicine  Journal of Cellular and Molecular Medicine  Journal of General Virology  Journal of Leukocyte Biology  Journal of Virology  Medical Microbiology and Immunology  Methods in Virology  Periodicum Biologorum  Plos One  PloS Pathogens  Virology  The Journal of Infectuous Diseases   |  | | --- | | **ZA PROJEKTE** | |
|  | NIAID Special Emphasis Panel Review  Ministarstvo znanosti, obrazovanja i športa  Nacionalna zaklada za znanost, visoko školstvo i tehnologijski razvoj Republike Hrvatske  French Research Agency (FRA) - Microbiology, Immunology and Infection panel  Innovational Research Incentives Scheme Vidi 2012  Austrian Academy of Sciences  ERC Starting grant evaluation  The German Israeli Foundation for Scientific Research and Development |
| **PROJEKTI** | |
| **Aktivni projekti:**     1. **"Congenital CMV and CNS infection mechanisms of protective immunity"** National Institutes of Health (NIH) SAD; Grant Number: 1RO1AI089956-01A1;voditelj William Britt(University of Alabama, Birmingham), suistraživač Stipan Jonjic (Department of Histology and Embryology – Faculty of Medicine, University of Rijeka), 2011. - 2018. ~ USD 500.000 2. **"Viral Strategies of Immune Evasion" (VISTRIE)**, partneri: Luka Čičin-Šain, MelanieBrinkmann (Helmholtz Centre for Infection Research, Braunschweig), Martin Messerle([Medical School Hannover](http://www.mh-hannover.de/index.php?id=2&L=1)),Ulrich Kalinke (TWINCORE [Centre for Experimental andClinical Infection Research](http://www.twincore.de/en/home/), Hannover), Hartmut Hengel, Anne Halenius (University Hospital Düsseldorf), Stipan Jonjic (Department of Histology and Embryology – Faculty of Medicine, University of Rijeka), 2011. - 2016., 4.500.000 EUR 3. **"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, voditelj Stipan Jonjić, 2013. - 2018. EUR 1.754.897 4. **''Methods for high-throughput glycoproteomic analysis (HTP-GlycoMet**)'', br. ugovora 324400, FP7 program Marie Curie Actions - Industry-Academia Partnerships and Pathways, koordinator projekta: Sveučilište u Rijeci, partneri: Stipan Jonjić, Medicinski fakultet Rijeka; Genos, Zagreb, Bia Separations, Ajdovščina, Slovenija, Max Planck Society, Magdeburg, Njemačka; 2013. - 2017., EUR 1.818.077,90 5. **''Platform for trans-Academic Cooperation in Innovation (PACINNO**)**''** IPA Adriatic CBC Strategic project proposals, koordinator projekta: University of Trieste; 7 partnera na području Jadranske regije (Stipan Jonjić) 2013.-2016., EUR 6.272.300/EUR 636.500 6. **''Znanstveni centar izvrsnosti za virusnu imunologiju i cjepiva (CERVirVac)''**, Ministarstvo znanosti, obrazovanja i sporta, koordinator projekta Stipan Jonjić (Medicinski fakultet Sveučilišta u Rijeci), partneri: Centar za istraživanje i prijenos znanja u biotehnologiji Sveučilišta u Zagrebu,Klinika za infektivne bolesti ''Dr. Fran Mihaljević'' Zagreb, 2014. - 2018. 7. **''A training network for the rational design of the next generation of well-defined glycoconjugate vaccines (GLYCOVAX)''**, coordinator: NOVARTIS vaccines and diagnostics  (11 partnera, uključujući Medicinski fakultet Sveučilišta u Rijeci, Stipan Jonjic); HORIZON 2020,  Marie Sklodowska-Curie Innovative Training Networks 2015. – 2019.; 3.560.797,00 EUR/ 247.761,00 EUR. 8. **''The integrated anti-HCMV/anti-GBM vaccine''**, HAMAG-BICRO Proof of Concept Programme (PoC) 6, coordinator: Hrvoje Simic, partner Stipan Jonjic), 2016., HRK 390.000 / HRK 350.000   **Završeni projekti:**   1. **Delecijske mutante citomegalovirusa** (006204), MZOŠ, 1996. 2. **Perinatalna citomegalovirusna infekcija** (006205), MZOŠ, 1996. 3. **CMV infekcija i imunosupresija** (1.08.05.04.06) MZOŠ, 1987. - 1990. 4. **Imunološki nadzor citomegalovirusne infekcije** (3-01-169) MZOŠ, 1991. -1996. 5. **Immunosurveillance of cytomegalovirus latency**, US-Croatian Science Technology Program (projekt JF 190), 1995. - 1997. 6. **Antiviral Antibodies and CNS Infection with CMV** – Fogarty International Research Collaboration Award (FIRCA), National Institutes of Health, Bethesda (u suradnji s Dr. William J. Britt, University of Alabama, Birmingham) 1999. 7. **Regulacija NK staničnih receptora posredovana herpesvirusima (**Projekt: 0062004), MZOŠ, 2002. - 2006. 8. **CNS Maldevelopment and Perinatal Infection** (1 R01 HD044721-01), National Institutes of Health, Bethesda (co- PI, PI - Dr. William J. Britt, University of Alabama, Birmingham), 2003. 9. **Centar za produkciju monoklonskih protutijela** (JEZGRA 17) (PI: S. Jonjic), MZOŠ 2003. - 2007. 10. **Establishment of high-throughput monoclonal antibody production and hybridoma bank,** FP6-2002-INCO-WBC/SSA-3,2006. - 2008. 11. Marie Curie Research Training Networks"**Natural Killer Cell-Mediated Anti-Viral and Anti Tumor Defense and Therapy: Integrated research training inmolecular medicine, bioinformatics and issues of biotech patents and SME busines**"Koordinator E. Hofer, Medical University of Vienna, Austrija, 2006.-2009.National Institutes of Health (NIH) USA, Grant Number: 1R13AI089016-01 12. **Conference of the society for natural immunity"NK2010 Dubrovnik,** co-PI Stipan Jonjić, 2009, USD 7.000 13. Fond "Jedinstvo uz pomoć znanja" (UKF) projekt "**Transcriptomic Approach to Viral Disease Research**" voditelji projekta: Joanne Trgovcich - The Ohio State University,Columbus Ohio, SAD i Stipan Jonjić, 2007. - 2010., EUR 106.415 14. Hrvatsko-Izraelski zajednički istraživački program "**Funkcija NK staničnog receptora NKp 46 u nadzoru infekcije citomegalovirusom i virusom influence**", voditelji: Stipan Jonjić i Ofer Mandelboim, Hadassah Medical School, The Hebrew University Jerusalem, Izrael, 2009.-2011., USD 50.000 15. Nacionalna zaklada za znanost, visoko školstvo i tehnologijski razvoj RH "**Razvoj modela za terapiju virusnih infekcija povezivanjem urođene i stečene imunosti pomoću fuzijskih proteina**",voditelj Stipan Jonjic, 2008.-2011.,EUR 105.000 (NZZ) + EUR 45.000 partner 16. "**The Center for Antibody Production Rijeka: Upgrading the Central Research andService Infrastructure for South Eastern Region of Europe**", voditelj: Stipan Jonjić, EUFP7-REGPOT-2008-1, 2009. - 2012., EUR 619.770 17. **"Upgrading the capacities for research in translational medicine at the Faculty of Medicine University of Rijeka"** (**TransMedRi -** 256686), EU FP7-REGPOT-2010-5., Stipan Jonjić, zajedno s partnerima sa Medicinskog fakulteta u Rijeci. Koordinator, B. Polić, prodekan za znanost, 2010. –2013., EUR 1.853.941 18. "**Molekularni mehanizmi citomegalovirusnog izmicanja imunološkom nadzoru**" MZOŠ**,** (062-0621261-1263), voditelj Stipan Jonjić, 2007. - 2011., EUR 102.740 19. "**Uloga cistatina u imunološkom odgovoru na viruse**"**,** Znanstveno tehnološka suradnja sa Republikom Slovenijom **-** partneri sufinanciranja MZOŠ(001.10-1264)**;** voditelj NatašaKopitar-Jerala, Institut Jožef Štefan, Ljubljana, suvoditelj Stipan Jonjić, 2012. - 2013., EUR 2.200 20. "**Novi snažni CMV-promotor za proizvodnju proteina i nekodirajućih molekula RNA**"Poslovno-inovacijski centar Hrvatske BICRO, voditelj Stipan Jonjic, 2012. - 2013., HRK 390.000/350.000 21. "**Viral evasion of NK cells**", National Institutes of Health (NIH) SAD, Grant Number:1RO1AI083201-01, voditelj Stipan Jonjić, 2009. - 2013., USD 270.249 22. "**MCMV Infection of the Developing CNS: Neuroinvasion and immune Control**" National Institutes of Health (NIH) USA; Grant Number: 1R01NS065845 -01 PI Dr. William Britt (University of Alabama, Birmingham), co-PI Stipan Jonjic, 2010 – 2015, ~ USD 350.000 23. "**Becoming entrepreneurial: knowledge transfer from the University of Rijeka Faculty of Medicine to the biotechnology business sector**"**,** Instrument for Pre- accession Assistance – IPA, PI Stipan Jonjic, partner PI Martin Messerle, 2013 - 2015, 440.000 EUR 24. ''**Uloge temeljnih imunoloških mehanizama u nadzoru herpesvirusnih infekcija i razvoj novih virusnih cjepiva i vektora za cjepiva''**,Potpora za istraživanja koja se nastavljaju na dosadašnje znanstveno recenzirane i financirane projekte, Uniri projects/516, 2013. – 2014., 167.367,54 kn  |  | | --- | | **CITIRANOST** |   **Web of Science: 6012 Google Scholar: 7.766**  **h-index: 41 h-index: 48**   |  | | --- | | **PATENTI** |  1. Jonjic, Stipan: VACCINE COMPRISING BETA-HERPESVIRUS. USPTO application **20130156808**; Filed:November 22, 2012**;** Published**:** June 20, 2013 (USPTO divisional patent application **15/011,601;** Filed: January 31, 2016) 2. Mandelboim Ofer, Jonjic Stipan, Kaynan Noa: INHIBITION OF T-CELL IMMUNOGLOBULIN AND ITIM DOMAIN (TIGIT) PROTECTS TUMORS FROM IMMUNE CELL ATTACK. USPTO Application **62/113, 451**; Filed: February 8, 2015 3. Mandelboim Ofer, Kaynan Noa, Jonjic Stipan: ANTIBODIES SPECIFIC TO T-CELL IMMUNOGLOBULIN AND ITIM DOMAIN (TIGIT). USPTO application   **62/131,856** filed on March 12, 2015 (application **62/213,140** filed on September 2, 2015; application **62/314,427** filed on March 29, 2016; PCT application **PCT/IL2016/050952** filed on September 1, 2016)   1. Mandelboim Ofer, Pinchas Tsukerman, Kaynan Noa, Jonjic Stipan: ANTI-POLIOVIRUS RECEPTOR ANTIBODIES AND THE USE OF SAME FOR THE TREATMENT OF TUMORS. USPTO application **62/301,727**, filed on March 1, 2016 (application **62/364,924** filed on July 21, 2016) 2. Mandelboim Ofer, Jonjic Stipan, Berhani Orit, Glasner Ariella: DEVELOPMENT OF AN ANTI-NKp46 mAb FOR THE EVALUATION OF NKp46 ACTIVITIES IRRESPECTIVE OF THE IDENTITY OF ITS LIGANDS. USPTO application .**...???????**, filed on September 7, 2016 | |
| **IZVORNI ZNANSTVENI RADOVI I PREGLEDNI ČLANCI (2016. - 1976.)** | |
| 1. radovi indeksirani u Web of Science: 2. Tomic A,Varanas PR, Golemac M, Malic S, Riese P, Borst EM, Mischak-Weissinger E, Guzmán CA, Krmpotić A, Jonjic 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. 3. Thiel N, Keyser KA, Lemmermann N, Oduro JD, Wagner K, Elsner C, Halenius A, Lenac Rovis T, Brinkmann M, Jonjic S, Cicin-Sain L, Messerle M: The Mouse Cytomegalovirus Gene m42 Targets Surface Expression of the Protein Tyrosine Phosphatase CD45 in Infected Macrophages**, PLOS Pathogens**, 2016. *accepted for publication* 4. 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| **POZVANA PREDAVANJA** | |
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''Dynamics of CMV specific CD8 response in brain of mice infected as newborns'', **ECCI - European Congenital Cytomegalovirus Initiative 2016,** April 24 – 26, 2016, San Servolo, Venice, Italy 7. ''Scientific research overview'' new membership election to **EAM – European Academy of Microbiology Meeting**, April 15 – 16, 2016, Segovia, Spain 8. ''Viral regulation of PVR (CD155) reveals a robust capacity of DNAM-1 in cytomegalovirus control by macrophages and NK cells.'', **Humanitas research** **Institute,**  November 16, 2015, Milano, Italy 9. ''Can viruses teach us to make better vaccine vectors? Immunological properties of cytomegalovirus expressing cellular ligands for innate immune receptors.'' **Glycovax kick-off meeting,** November 9 – 10, 2015, Siena, Italy 10. ''Vaccines today – can we make them work for us?'' **Festival znanosti Sinj 2015.**, November 2 – 4, Sinj, Croatia 11. ''Regulation of CD8 T cell response to viral infection - lessons from cytomegalovirus immunoevasins'', **SFB seminar,Institute for Immunology, Ludwig-Maximilian-University, Munich**, October 22 – 23, 2015, Munich, Germany 12. Personal statement on expectations to the political initiative of the Intergovernmental Initiative Western Balkans and the adjacent Joint Science Conference, **1st Joint Science Conference Western Balkans,** Intergovernmental Initiative Western Balkans, Perspective Europe: building future with science, **LEOPOLDINA**, July 15 - 18, 2015, Halle, Berlin, Germany 13. ''Pathogenesis of cytomegalovirus infection in brain of perinatally infected mice'', **Workshop on challenges in developing immunotools for diagnostics and therapeutics**, in frame of the project “Molecular mechanisms of PVR (CD155) immunological pathways in viral and tumor pathogenesis” (PVRreg), June 15, 2015, Rijeka, Croatia 14. "Vaccines and innate immunity: lessons from cytomegalovirus immunoevasion", **3rd Belgrade EFIS symposium on immunoregulation, immunity, infection, autoimmunity and aging,** May 24-27, 2015, Aranđelovac, Serbia 15. ''Cytomegalovirus downregulation of PVR reveals strong effect of DNAM-1 in virus control by NK cells and macrophages'', **NK2015: 15th Meeting of the Society for Natural Immunity,** May 2-6, 2015, Fairmont le Chateau Montebello, Quebec, Canada 16. ''Pathogenesis of cytomegalovirus infection in ovary: Mechanisms of differential resistance of corpora lutea and follicles to infection.'' **5th International Congenital CMV Conference and 15th International CMV/Betaherpesvirus Workshop,**  April 19-24, 2015,  Brisbane, Australia 17. ''From basic discoveries to academic entrepreneurship in adverse economic conditions'', **Educational Workshop: Biotech Business, Product Development and Entrepreneurship,**  Miltenyi Biotec GmbH, March 4, 2015, Bergisch Gladbach, Köln, Germany 18. ''From basic discoveries in immunology to academic entrepreneurship:The role of science in the development of economy and society'', **Conference: The role of science in the development of society and economics**, University of Split, January 28, 2015, Split, Croatia 19. "NKG2D independent immune function of RAE-1: enhanced CD8 T cell response induced by CMV vector expressing RAE-1 gamma", **Deutsches Rheuma Forschungszentrum**, January 15 – 17, 2015, Berlin, Germany 20. ''Innate & Adaptive Immunity Interface'', **2nd Waldthausen Cytomegalovirus Symposium, University of Mainz,** November 21 – 22, 2014, Waldthausen Castle, Budenheim, Germany 21. ''Differential innate immune resistance of ovarian corpora lutea and follicles to cytomegalovirus infection'', **Croatian immunological society annual meeting, HID2014**, October 17 – 18, 2014, Krk, Croatia 22. ''Genetically modified and immunologically attenuated herpesviruses as potent vaccine vectors.'', **Power of Viral Vectors in Gene Therapy and Basic Science Summer School,** Croatian microbiological society, September 17 – 21, 2014, Primošten, Croatia 23. ''CMV vaccine research – coupling the innate and adaptive immunity arms'', **2nd European Seminar in Virology, University of Bologna**, June 13 – 15, 2014, Bertinoro, Italy 24. ''Scientific career in adverse economic and social conditions'', 24th European Society of Clinical Microbiology and Infectious Diseases **ECCMID2014**, May 9 – 12, 2014, Barcelona, Spain 25. ''Lecture of the ERC Advanced Grant holder', **National Institute of Chemistry**, April 25, 2014, Ljubljana, Slovenia 26. ''Upgrading the research capacity of the University of Rijeka, Faculty of Medicine through REGPOT'', conference "Experience of the REGPOT-PL projects in improving competence in the future EC projects' management",**Warsaw University of Life Sciences**, March 27, 2014, Warsaw, Poland 27. ''Academic entrepreneurship: views from biomedicine'', **Economic Institute**, March 11, 2014, Zagreb, Croatia 28. "Enhancing the CD8 T cell response by RAE-1 gamma expressed in a herpesvirus vector – not only NKG2D", **Immunology Seminar**, **Cambridge Institute for Medical Research,** February 14, 2014, Cambridge, Velika Britanija 29. "Recognition of murine cytomegalovirus infected cells by activating an inhibitory Ly49 NK cell receptors" **Virus & Immunity course, Centre International de Recherche en Infectiologie (CIRI), INSERM,** February 13, 2014, Lyon, Francuska 30. ''Expression of NKG2D ligand improves vaccine properties of recombinant cytomegalovirus'' **PhD seminar on** **Institute of Immunology, Department of Pathobiology, University of Veterinary Medicine**, November 28, 2013, Vienna, Austria 31. ''Expression of NKG2D ligand RAE-1 gamma by recombinant cytomegalovirus enhances its immunogeneicity and vaccine efficacy'', **PhD course on tumor immunology and immunotherapy,** **Center for Immunity and Infection Lausanne,** Ludwig institute for cancer research, November 5, 2013, Lausanne, Swiss 32. ''Genetically modified herpesviruses as vaccine vectors.'', **CROCMID**-**10th Croatian congress of clinical microbiology and 7th Croatian congress on infectious diseases**, October 24 - 27, 2013, Rovinj, Croatia 33. ''Superior induction and maintenance of protective CD8 T cells with mouse cytomegalovirus vector expressing NKG2D ligand RAE-1y.'', **2nd Meeting of Middle-European Societies for Immunology and Allergology**,October 10 - 13, 2013, Opatija, Croatia 34. ''Curious case of specific recognition of MCMV by NK cells: the role of uORFs and ncRNAs.'', **NK2013 - 14th Meeting of the Society for Natural Immunity**, September 18 -22, 2013, Heidelberg, Germany 35. ''How can viruses teach us to make better immune response?'', **3rd Congress of Croatian physiological society,** September 13 - 15, 2013, Rijeka, Croatia 36. ''Viral regulation of inhibitory and activating Ly49 receptors'', **15th International Congress of Immunology ICI2013,** August 22 - 27, 2013, Milano, Italia 37. ''Presentation of the first Croatian ERC Advanced Grant'', **Croatian Science in the European Union**, Ministry of science, education and sport, July 12, 2013, Zagreb, Croatia 38. 'NKG2D -dependent and -independent immune function of RAE-1: superior induction and maintenance of protective CD8 T cells in mice infected with MCMV vector expressing RAE-1'' , **Medical Immunology Campus Erlangen,** July 1 - 2, 2013, Erlangen, Germany 39. ''MCMV transcript with multiple coding and non-coding functions needed for recognition of infected cells by activating Ly49 NK cell receptors'', **4th CMI Symposium on Immunology: Innate Immunity and NK Cells**, June 17 - 19, 2013, Hefei, Anhui Province, China 40. ''Expression of NKG2D ligand by cytomegalovirus enhances virus immunogenicity and vaccine efficacy'', introductory lecture at the **Meeting of class II, German National Academy for Science Leopoldina**, May 22 - 23, 2013, Halle, Germany 41. "Recognition of murine cytomegalovirus infected cells by activating an inhibitory Ly49 NK cell receptors", **International Graduate School in Molecular Medicine Ulm**, April 11 – 13, 2013, Ulm, Germany 42. "Differential requirements for activating and inhibitory Ly49 receptors in recognition of MCMV-infected cells", **ETH Zürich (Eidgenössische Technische Hochschule Zürich)**, February 27 - 28, 2013, Zürich, Switzerland 43. "Strengthening adaptive immunity via innate immunity.", **Doctoral School of Biomedicine–Department of Molecular Medicine, University of Padova**, February 20, 2013, Padova, Italy 44. "Herpesviruses as vectors - what did cytomegaloviruses teach us?", **120th Anniversary of Immunological Society**, November 20, 2012, Zagreb, Croatia 45. "NK cells in MCMV infection – from no function to too many functions", **CMV Liaison Symposium**, Max von Pettenfoker-Institut, November 16 - 18, 2012, Munich, Germany 46. "Highly attenuated MCMV vector expressing NKG2D ligand RAE-1 gamma provides long-lived memory CD8+T cells with outstanding protective capacity.", **14th International CMV/BetaHerpesvirus workshop**, October 29 - November 2, 2012, San Francisco, USA 47. "Highly attenuated herpesvirus vector expressing NKG2D ligand RAE-1 provides long-lived memory CD8 T cells with outstanding protective capacity against *Listeria monocytogenes*", **5th Croatian Congress of Microbiology with International Participation**, September 26 -30, 2012, Primošten, Croatia 48. "Highly attenuated herpesvirus vector expressing NKG2D ligand RAE-1 gamma provides long lived memory CD8+ T cells with outstanding protective capacity ", **TWINCORE-Symposium,** September 27 - 28, 2012, Hannover, Germany 49. "Activating and inhibitory LY49 receptors have differential requirements for recognition of MCMV- infected cells", **European Congress of Immunology,** September 5 - 8, 2012, Glasgow, Scotland 50. "Highly attenuated herpesvirus vector expressing NKG2D ligand RAE-1 provides long-lived memory CD8 T cells with outstanding protective capacity.", **Mikrobiologisch-Infektiologische Seminarreih**, June 4 - 5, 2012, Virological Institute, Ulm, Germany 51. "Genetic manipulation of viral genome as a tool to generate more efficient virus vaccine and vaccine vectors.", **3rd Congress of Croatian Geneticists,** May 13 - 16, 2012, Krk, Croatia 52. "The importance of science about life for developments of Croatia", **Croatian Humboldts Club**, May 11, 2012, Zagreb 53. "Enhancing the adaptive immune response by the NKG2D ligand expressed in a herpesvirus vector", **13th meeting of the Society for Natural Immunity,** April 20 - 24, 2012, Asilomar, California, USA 54. "Can we improve CD8 response to viral infection - lessons from cytomegalovirus expressing NKG2D ligand.", **Washington University**, **School of Medicine**, April 18 - 19, 2012, St.Louis, USA 55. "Vaccines and innate immunity: lessons from cytomegalovirus immunoevasion of NKG2D", **Final Symposium of the SFB 490 "Invasion and Persistence of Infectious Organisms**”, March 8 – 10, 2012, Mainz, Germany 56. "Regulation of inhibitory and activating LY49 receptors by murine cytomegalovirus", **Virus & Immunity course**, **Centre International de Recherche en Infectiologie (CIRI), INSERM,** January 30 - February 10, 2012, Lyon, France 57. "Vaccines and innate immunity: lessons from cytomegalovirus immunoevasion of NKG2D", **British Society of Immunology congress**, December 5 - 9, 2011, Liverpool, UK 58. "Immunobiology of a recombinant cytomegalovirus expressing the NKG2D ligand – an approach towards live attenuated vaccine and vaccine vector.", **Croatian Immunological Society**, 2011 Annual Meeting, October 7 - 9, 2011, Rabac, Croatia 59. "Viral interference with activating and inhibitory NK cell receptors.", **3rd South East European Immunology School (SEEIS2011**), October 1 - 4, 2011, Arandjelovac, Serbia 60. "How can viruses teach us to make better vaccines and vaccine vectors", **7th ISABS Conference in Forensic, Anthropological and Medical Genetics and Mayo Clinic Lectures in Translational Medicine**, June 20 – 24, 2011, Bol, Island of Brač, Croatia 61. "MCMV interference with activating and inhibitory LY49 NK cell receptors", **SFB900 seminar**, June 16, 2011, Hannover Medical School, Germany 62. "Recent advances in the pathogenesis of CMV infection", **21st ECCMID/27th ICC 2011,** May 7-10, 2011, Milan, Italy 63. "Expression of NKG2D ligand improves vaccine properties of recombinant cytomegalovirus", **Natural Killer Cell Symposium**, April 18-20, 2011, Mainz, Germany 64. "Vaccine properties of recombinant herpesvirus expressing ligand for NKG2D receptor", **Annual Meeting of the Austrian Society for Allergology and Immunology 2010**, December 3 - 5, 2010, Wien, Austria 65. "Pathogenesis of CMV infection of the fetal brain", **3rd Congenital Cytomegalovirus Conference**, September 23 - 25, 2010, Paris, France 66. "Problems and prospects of herpesviral vaccines" **Vaccines Academy,** September 17 – 19, 2010, Bjelolasica, Hrvatska 67. "Cytomegalovirus protein m04 abolishes NK cells activation via the "missing-self" recognition mechanism, "Viral infection" Symposia, **14th International Congress of Immunology (ICI 2010**) , August 22 - 27, 2010, Kobe, Japan 68. "Cytomegalovirus immunoevasin reveals the physiological role of "missing-self" recognitionin NK cell dependent virus control in vivo", **35th Annual International Herpesvirus Workshop**, July 24 -29, 2010, Salt Lake City, Utah, USA 69. "Activation and inhibition of NK cells by murine cytomegalovirus - dual function of viral m04 protein", **Karolinska Instituet**, October 8 - 11, 2009, Stockholm, Sweden 70. Introduction lecture and Chair of the **Workshop 'Microbial Evasion of the Immune System', 2nd European Congress of Immunology**, September 13 - 16, 2009, Berlin, Germany 71. "Viral inhibitors of NKG2D ligands", **Symposium 'The MIC Genes and Antibodies -From Bench to Bedside', 2nd European Congress of Immunology**, September 13 – 16, 2009, Berlin, Germany 72. "Immmunobiology of recombinant MCMV expressing ligand for NKG2D receptor", Workshop 'Receptors and regulation'; **7th Consortial Meeting EC6 Marie Curie Project 'NK Defense and therapy',** September 10 – 11, 2009, Düsseldorf, Germany 73. "Modes of regulation of NK cells by cytomegalovirus", **5th** **Annual Meeting of the PhD Graduate Course** GRK1045, August 24 - 26, 2009, Velen, Germany 74. "Inhibition and activation of NK cells by murine cytomegalovirus”, **Macroregional Network for Cell Therapy in Hematopoietic Stem Cell Transplant Recipients,** University of Padova Medical School, April 26 – 27, 2009, Bressanone, Italy 75. "Pathogenesis of congenital virus infection of the central nervous system”, SISSA (**Scuola Internazionale Superiore di Studi Avanzati**) March 6, 2009, Trieste, Italy 76. "The role of MCMV protein m04 in the regulation of NK cells”, **6th Consortial Meeting EC6 Marie Curie Project "NK Defense and Therapy**”, Febuary 24, 2009, Wien, Austria 77. "Activation and inhibition of NK cells by MCMV - the role of m04 protein”, **Max von Pettenkofer-Institute**, Ludwig Maximilian University, December 19, 2008, Munich, Germany 78. "Regulation of NK cell response by cytomegalovirus - implications on viral pathogenesis", **Institut de Bacteriologie**, Faculty of Medicine, University Louis Pasteur, November 27 –28, 2008, Strasbourg, France 79. "The MCMV m04 protein plays a role in both the inhibition and activation of NK cells", **11th Meeting of the Society for Natural Immunity:NK2008,** October 26 - 30, 2008, Fremantle, Western Australia, Perth, Australia 80. "Activation and inhibition of NK cells by murine cytomegalovirus", **Microbiology Seminar**, Raine Medical Research Foundation, University of Western Australia, October 24, 2008, Perth, Australia 81. "Pathogenesis of congenital cytomegalovirus infection of the central nervous system; insights from an animal model", **Raine Lecture,** Raine Medical Research Foundation, University of Western Australia, October 22, 2008, Perth, Australia 82. "Activation and inhibition of NK cells by murine cytomegalovirus", **2008 Annual Meeting of the Croatian Immunological Society**,October 9 – 12, 2008, Sibenik, Croatia 83. "Activation and inhibition of NK cells by murine cytomegalovirus", **2nd EFIS / EJI Belgrade Symposium** (Inflamation at the Interface of Innate and Acquired Immunity), September 7 – 10, 2008, Belgrade, Serbia 84. "Pathogenesis of congenital CMV infection:animal model", **20th Annual Meeting of the EACD (European Academy of Childhood Disability),** June 5-7, 2008, Zagreb, Croatia 85. "Activation and inhibition of NK cell responses by murine cytomegalovirus", **EFIS – EJI Natural Killer Cell Symposium**, Bad Herrenalb, May 21-23, 2008, Germany 86. "Viral evasion of NK cell response", **ETH Institute of Microbiology**, April 01, 2008, Zurich, Switzerland 87. "NK cell immune evasion by murine cytomegalovirus", **Keystone Symposia,** February 24-29, 2008, Keystone, Colorado 88. "Downregulation of NKG2D ligands by CMV", **Annual Meeting of the French Society for Immunology: Immunity Infection and Vaccination**, November 26 – 29, 2007, Lyon, France 89. "Altered development and immune response of the brain following cytomegalovirus infection in newborn mice”, **Centre d’Immunologie de Marseille-Luminy (CIML),** November 23, 2007, Marseille, France 90. "Viral regulation of innate immunity", **Waldthausen Castle Symposium Cytomegalovirus,** Collaborative Research Centre 490, Gutenberg University, October 19 -20, 2007, Mainz, Germany 91. "U.S. – Croatian scientific collaboration: the importance of the joint NIH funding", **Conference: Increasing U.S. – Croatian Cooperation in the ICT, Biotechnology and Pharmaceutical Industry**, October 1 – 4, 2007, Split, Croatia 92. "Regulation of NK cell responses by murine cytomegaloviruses", **Medical UniversityVienna** Vienna Competence Center, June 29, 2007, Vienna, Austria 93. "Regualtion of NK cell responses by cytomegaloviruses", **5th National Conference SIICA Italian Society of Immunology, clinical immunology and allergology**, June 6 – 9, 2007, Trieste, Italy 94. "Viral immune evasion of NKG2D", **94th Annual Meeting of the AAI: Immunology 2007,** May 18 – 22, 2007, Miami – Florida 95. "Regulation of NK cell response by MCMV", **11th International CMV & Betaherpesvirus workshop**, May 13 – 17, 2007, Toulouse, France 96. "Differential regulation of NKG2D ligands by MCMV", **Croatian – Israeli Kick-off Meeting on Viral Immunology and Pathogenesis**, March 23, 2007, Rijeka, Croatia 97. "Regulation of NK cell responses by murine cytomegalovirus", **Institut für Virologie**, February 05, 2007, Düsseldorf, Germany 98. "Different modes of NK cell regulation by MCMV", **Seminar SFB 455, Gene Center,** December 13, 2006, Munich, Germany 99. "Murine CMV infection models and potential therapies", **2nd Consortium meeting EC project "NK defense and therapy",** November 17 - 18, 2006,Vienna, Austria 100. "Down-regulation of NKG2D ligands by CMV", **6th Louis Pasteur Conference on Infectious Diseases,** "Shaping and Subversion of the immune system by Microbe", The Institute Pasteur, November 15 – 17, 2006, Paris, France 101. "Activation and inhibition of NK cells by murine cytomegalovirus", **1st Mini-Herpesvirus Workshop**, September 29, 2006, Berlin 102. "Perinatal brain infection caused by cytomegalovirus", **5th Croatian Congress on Infectious Diseases**, September 23 – 27, 2006, Zadar, Croatia 103. "Subversion of NK cell activation by murine cytomegalovirus", **Department of Molecular and Cellular Biology, Centro Nacional de Biotecnologia** (CSIC), July 05, 2006, Madrid, Spain 104. "Murine cytomegalovirus inhibits NK cell activation by down – modulation of cellular ligands for NKG2D receptor", **2nd FEMS Congress of European Microbiologists**, July 04– 08, 2006, Madrid, Spain 105. "Murine CMV as a model for human CMV infection: principles of immunosurveillance and viral immunoevasion", **2006 NIAID research conference,** June 24 – 25, 2006, Opatija, Croatia 106. "Innate immunity to cytomegalovirus and viral evasion of NK cell response”, **Virus and Immunity** 2006, Febuary 6, 2006, Lyon, France 107. "Evasion of NK cell control by murine cytomegalovirus”, **The Institute for Microbiology and Hygiene,** University of Freiburg, January 23, 2006, Freiburg, Germany 108. "Evasion of NK cells by murine cytomegalovirus", **Institut für Klinische und Molekulare Virologie Nationales Referenzzentrum für Retroviren Friedrich-Alexander-Universität Erlangen-Nürnberg**, January 20, 2006, Erlangen, Germany 109. "Molecular and cellular approaches to microbial pathogenesis", **Summer school, The Graduate College "Mucosal Host-Pathogen- Interactions**” of the School of Veterinary Medicine Hannover and the Medical School Hannover, October 4 - 6, 2005, Hannover, Germany 110. "Immune reaction to viruses" **Croatian spring pediatric school**, April 12,2005, Split, Croatia 111. "MCMV proteins which interfere with the expression of NKG2D ligands" **International Titisee Conferences – Cell biology meets the immune system: molecular aspects of host pathogen interactions**, April 6 – 10, 2005, Schwarzwald 112. "Multiple strategies to evade NKG2D by MCMV", **Keystone Symposia – Innate Immunity to Pathogens,** January 8 – 13, 2005, Keystone, Colorado, USA 113. "Interplay of MCMV with NK cell response”, **Max von Pettenkofer Institut**, December 9, 2004, Munich, Germany 114. "Immune evasion of viruses and tumors by downregulations of cellular ligands for NKG2D receptor”, **2nd Slovenian Immunology Congress with International Participation**, October 20 – 22, 2004, Portorož, Slovenia 115. "The importance of NK cell in transplantation”, **4th Croatian Congress of Infectious Diseases**, October 2 – 6, 2004, Opatija, Croatia 116. "Characterisation of cytomegalovirus genes involved in modulation of cellular ligands for NK cell receptors”, **Congress of the Croatian Society of Biochemistry and Molecular Biology,** September 30, 2004, Bjelolasica, Croatia 117. "Molecular and functional characterisation of mouse cytomegalovirus genes involved in regulation of NK cell response”, **EMBO Practical Course, Anatomy and Embryology of the Mouse**, September11–19, 2004, Zagreb, Croatia 118. "Murine cytomegalovirus subvert NK cell control by interfering with expression of NKG2D ligands”, **Institute Pasteur**, June 25, 2004, Paris, France 119. "Regulation of NK cell response by BY murine cytomegalovirus", **Rudolf Virchow Center for Experimental Biomedicine**, University of Würzburg, February 26, 2004 120. "Modulation of NK cell response by murine cytomegalovirus”, **Centro Nacional de Microbiología**, Instituto de Salud Carlos III, Majadahonda, January 22, 2004, Madrid, Spain 121. "Deletion of MCMV m157 gene reveals the function of NKG2D silencing viral genes also in CMV1 positive mice”, **Stimulatory and Inhibitory Receptors of the Innate Immune System,** Instituto Juan March de Estudios e Investigaciones, Madrid, January 19 – 21, 2004, Madrid, Spain 122. "Significance of stress-induced ligands for NKG2D receptor in NK cell- mediated surveillance of tumors and viral infectins”, **Stress and immunoreactivity,** HAZU, October 20, 2003, Zagreb, Croatia 123. "Murine cytomegalovirus-mediated regulation of NK cell response”, **University of Alabama,** August 2003, Birmingham, Alabama, USA 124. "Regulation of NK cell function by MCMV”, **Department of Pathology, College of Medicine and Public health**, The Ohio State University, July 25, 2003, Columbus, Ohio, USA 125. "Immune evasion by cytomegaloviruses”, **1st Croatian Congress on Molecular Life Sciences,** June 9 – 13, 2002, Opatija, Croatia 126. "Regulation of NK cell activity by murine cytomegalovirus”, **Veterinary University of Vienna,** October 25, 2002, Vienna, Austria 127. "The MCMV m152/GP40 glycoprotein downregulates expression of a cellular ligand for the NKG2D receptor and inhibits NK cell-mediated virus control in vivo”, **Molecular Mechanisms of Immune Modulation: lessons from Viruses,** February 25 – 27, 2002, Madrid, Spain 128. "In vivo significance of MCMVevasion genes (M152, M06 AND M04) in regulation ofCD8+ T cells response”, **Department of Microbiology & Immunology,** Fairchild Science Building, Stanford University School of Medicine, May 9, 2001, Stanford, CA, USA 129. "In vivo significance of MCMV evasion genes for MHC I”, **Department of Pathology, College of Medicine and Public health**, The Ohio State University, June 5, 2001, Columbus, Ohio, USA 130. "Immune evasion of T cell and NK response by cytomegalovirus proteins”, **1st Slovenian Immunology Meeting - Immunology and Clinic III, Immunity inInfection**, October 26 –28, 2000, Portorož, Slovenia 131. "Cytomegaloviral evasion of T cell and NK cell responses”, **2nd Croatian Congress of Microbiology with International Participation,** October 3 – 6, 2000, Brijuni, Croatia 132. "Immunobiology and pathogenesis of murine cytomegalovirus deletion mutants”, **Department of Immunology**, The Scrips Research Institute, La Jolla, March 31, 1998, CA, USA 133. "In vivo significance of murine cytomegalovirus immunoevasion genes”, **Department of Microbiology & Immunology, Fairchild Science Building**, Stanford University School of Medicine, Stanford, March 23, 1998, Stanford, CA, USA 134. "MCMV: true molecular latency or low-level persistence? The role ofT cell subsets andcytokines.”, **Human Cytomegalovirus Latencyand Reactivation,** Weston La Paloma, March 20 – 21, 1998, Tuscon, USA 135. "Immunopathology and TNF-alpha involvment in MCMV infection in newborn mice” **1st International Consensus Round Table Meeting on CMV Related Immunopathology,** August 28 – 30, 1997, Frankfurt, Germany 136. "Characterization of immune mechanisms controlling recurrent cytomegalovirus infection”, **The 3rd International Meeting "Mechanisms in Local Immunity**”, September 25 – 28, 1996, Opatija, Croatia 137. "Control of recurrent CMV by T cells, NK cells and cytokines", **Virologisches Seminar,** Institut for Medical Virology, University of Heidelberg, August 31, 1995, Heidelberg, Germany 138. "Plasticity of immune response", **The Annual Meeting - League for the development of molecular biology and biotechnology** (MoBBEL), October, 6 -9, 1995, Tübingen 139. "Cytomegalovirus persistance in salivary glands by evasion from immune control", **Mechanisms in Local Immunity, 2nd Alpe-Adria Immunology and Allergology Meeting**, September 26 – 28, 1994, Opatija, Croatia 140. "Adoptive transfer of immunity against cytomegalic virus infection and implication for otherinfections", **European Association for Study of the Liver (EASL) Meeting,** Atena Symposia: "Potentials of adoptive immunotherapy in the treatment of viral and neoplastic diseases of the liver”, September 6 – 10, 1994, Athena, Greece 141. "Antiviral antibodies are not essential for resolution of primary cytomegalovirus infection", **Hadassah Medical Organization**, Liver unit, University of Jerusalem, Israel, April 1994, Jerusalem, Israel 142. "The componenets of the immune response in control of viral infections", **Annual Meeting of Israeli Microbiological Society, Department of Microbiology and Immunology,** Faculty of Health Science, Ben-Gurion University, April 1994, Beer-Sheva, Israel | |
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| **MEĐUNARODNA ZNANSTVENA SURADNJA** | |
| **Dr. Ulrich H. Koszinowski**, Max von Pettenkofer-Institute, München;  **Dr. Barbara Adler,** Max von Pettenkofer-Institute, München  **Dr. William J. Britt**, UAB, Birmingham;  **Dr. Mathias Müller**, Veterinary University of Vienna;  **Dr. Hartmut Hengel**, University clinic Freiburg;  **Dr. Martin Messerle**, Hannover Medical School;  **Dr. Wayne M. Yokoyama**, Washington University Medical Centre, St. Louis; USA  **Dr. Dirk Busch**, Technical University München;  **Dr. Alec Redwood**, University of Western Australia;  **Dr. Francesco Colucci**, The Babraham Institute, Cambridge;  **Dr. Matthias Reddehase**, University of Mainz;  **Dr. Joanne Trgovcich**, Ohio State University; USA  **Dr. Silvia Vidal**, McGill University; Canada  **Dr. Lars Dölken,** University of Wuerzburg  **Dr. Luka Čičin Šain**, Helmholtz-Zentrum für Infektionsforschung, Braunschweig  **Dr. Ofer Mandelboim**, The Hebrew University of Jerusalem, Izrael | |
| **MENTORSTVA** | |
| Pero Lucin M.sc. 1989  Pero Lucin Ph.D. 1991  Ivica Pavic M.sc. 1992  Bojan Polic M.sc. 1993  Irena Crnkovic M.sc. 1994  Ivica Pavic Ph.D. 1995  Bojan Polic Ph.D. 1996  Irena Crnkovic Ph.D. 1997  Davor Stimac Ph.D. 1997  Astrid Krmpotic M.sc. 1998  Irena Milotic M.sc. 1999  Dubravka Matanic Ph.D. 2000  Milena Hasan M.sc. 2000  Astrid Krmpotic Ph.D. 2001  Marina Bralić M.sc. 2004  Luka Cicin-Sain M.sc. 2004  Milena Hasan Ph.D. 2004  Ivan Bubic Ph.D. 2005  Luka Cicin – Sain Ph.D. 2006  Tihana Lenac Rovis Ph.D. 2007  Jurica Arapovic Ph.D. 2009  Djurdjica Cekinovic Ph.D. 2011  Marina Babic Cac Ph.D. 2011  Irena Slavuljica Ph.D. 2012  Faruk Skenderi M.sc. 2012  Maja Arapovic Ph.D. 2013  Vanda Juranic Lisnic Ph.D. 2013  Zeguang Wu Ph.D. 2014. (komentor, University Clinic Ulm, Institute for virology)  Tihana Tršan Ph.D. 2015.  Ilija Brizić Ph.D. 2016. | |
| **SAŽECI – kongresna priopćenja i posteri** | |
| |  | | --- | | 1. Jonjic S, Rukavina D: Prijenos stanica iz fetusa u majku. 9. Kongres JDF, Portorož, 15-19.IX 1975, Izvlecki referatov, p. 93. 2. Rukavina D, Jonjic S: Ucinci transplacentarno prenesenih limfocita. V. Simpozij imunologa Jugoslavije, Stubicke Toplice, 10-14.II 1976, Kratki prikaz saopcenja, p. 51. 3. Rukavina D, Jonjic S: Materno-fetal relationship and transplantation reactivity in the perinatal period of sheep. 4th Int. Symp. on Immunology of Reproduction, Varna, Sept. 19-22, 1978, Abstracts of papers, p. 137. 4. Jonjic S, Rukavina D: Imunoregulacija stanicama fetalne i neonatalne jetre i slezene. 12. Kongres Saveza društava fiziologa Jugoslavije, Sarajevo 9-12.IX 1982, Zbornik radova, p.7-230 5. Doric M, Rukavina D, Jonjic S: Imunološka reaktivnost u potomaka adoptivno imuniranih majki. 12. Kongres Saveza društava fiziologa Jugoslavije, Sarajevo 9-12.IX 1982, Zbornik radova, p. 7- 231. 6. Radosevic-Stasic B, Jonjic S, Polic L, Rukavinac D: Imunološki odgovor štakora u uvjetima farmakološke pinealektomije. 7. Jugoslavenski simpozij imunologa, Radenci 3-6.XI 1982, Program in izvlecki,p. 4-58. 7. Doric M, Jonjic S, Kapovic M, Rukavina D: Sistemska i lokalna imunološka reaktivnost u gravidnih ženki štakora. 7. Jugoslavenski simpozij imunologa. Radenci 3-6.XI 1982, Program in izvlecki, p. 3-43. 8. Jonjic S, Doric M, Rukavina D: Imunoregulacija fetalnim stanicama: in vitro i in vivo istraživanja. 7. Jugoslavenski simpozij imunologa, Radenci 3-6,XI 1982, Program in izvlecki p. 1- 7. 9. Kapovic M, Rukavina D, Jonjic S: Funkcionalna reaktivnost limfocita u multipara i intrauterino senzibiliziranih ženki štakora. 7. Jugoslavenski simpozij imunologa, Radenci 3-XI 1982, Program in izvlecki, p. 3-43. 10. Radosevic-Stasic B, Polic L, Jonjic S, Rukavina D: Uloga epifize i diurnalnog ritma u regulaciji imunološkog odgovora štakora. 3. Kongres endokrinologa Jugoslavije, Novi Sad, May 31 – June 23 1984, 11. Reddehase MJ, Jonjic S, Weiland F, Lüske A, Koszinowski UH: Prevention of cytomegalovirus replication in the lungs of immunosuppressed mice by adoptive transfer of primed T lymphocytes. 6th European Immunology Meeting, Interlaken, September 3 – 8 1984, Abstracts, p. 434 12. Jonjic S, Koszinowski UH: Monoclonal antibodies that define cytolytic T lymphocyte subset in the swine. 6th European Immunology Meeting, Interlaken, September 3 - 8 1984 Abstracts, p 91 13. Rukavina D, Kapovic M, Jonjic S: Maternal alloreactivity during gestation and postpartum. Sixth International Symposium on Immunology of Reproduction, Varna, Bulgaria, May 30 -June 2, 1985, Abstracts 191, Am. J. Reprod. Immunol. Microbiol. 7(2) 1985 14. Jonjic N, Jonjic S, Batinic S, Rukavina D: Primjena protutijela u imunohistološkoj studiji limfatickog sustava svinje. 1. Kongres imunologa Jugoslavije, Opatija, October 21 - 25 1985, Book of Abstracts R8-14, p. 46 15. Jonjic S, Koszinowski UH: Homologija S-L 2 antigena na T limfocitima svinje s Lyt-2 antigenom miša, T-8 u ljudi i MRC-OX-8 u štakora. 1. Kongres imunologa Jugoslavije,Opatija 21-25 October 1985, Book of Abstracts R8-14, p. 102 16. Jonjic S, Vujklija-Stipanovic K, Fucak M, Kapovic M, Crnic M, Matic-Glazar Dj, Rukavina D: Imunološka reaktivnost limfocita u pacijenata s dugorocno funkcionirajucim transplantatom bubrega. 1. Kongres imunologa Jugoslavije, Opatija, October 21-25 1985,Book of Abstracts S6-73, p. 76 17. Jonjic N, Jonjic S, Rukavina D: Imunohistološko istraživanje odbacivanja alogenickog i ksenogenickog transplantata primjenom monoklonskih antitijela u imunoperoksidaza tehnici. Kongres imunologa Jugoslavije, Opatija, October 21 - 25 1985, Book of Abstracts R20-101, p. 92 18. 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