

Име и презиме		Миодраг Л. Лукић	
Звање		Редовни професор - емеритус	
Назив институције у којој наставник ради са пуним радним временом и од када		Факултет медицинских наука, Универзитет у Крагујевцу	2005.
Ужа научна односно уметничка област		Микробиологија и имунологија	
Академска каријера			
	Година	Институција	Област
Избор у звање	2009.	Универзитет у Крагујевцу	Микробиологија и имунологија
	2007.	Медицински факултет, Универзитет у Крагујевцу	
	1991.	Медицински факултет, Универзитет у Београду	
Докторат	1976.	Медицински факултет, Универзитет у Београду	Медицина
Специјализација	1985.	Медицински факултет, Универзитет у Београду	Клиничка имунологија
Магистратура	1972.	Медицински факултет, Универзитет у Београду	Медицина
Диплома	1966.	Медицински факултет, Универзитет у Београду	Медицина
Репрезентативне референце			
1.	Pantic JM, Jovanovic IP, Radosavljevic GD, Arsenijevic NN, Conlon JM, Lukic ML. The Potential of Frog Skin-Derived Peptides for Development into Therapeutically-Valuable Immunomodulatory Agents. <i>Molecules</i> 2017; 22(12). pii: E2071. doi: 10.3390/molecules22122071.		
2.	Gazdic M, Simovic Markovic B, Vucicevic L, Nikolic T, Djonov V, Arsenijevic N, Trajkovic V, Lukic ML, Volarevic V. Mesenchymal stem cells protect from acute liver injury by attenuating hepatotoxicity of liver NKT cells in iNOS and IDO dependent manner. <i>J Tissue Eng Regen Med</i> 2017 doi:10.1002/term.2452.		
3.	Borovcanin MM, Jovanovic I, Radosavljevic G, Pantic J, Minic Janicijevic S, Arsenijevic N, Lukic ML. Interleukin-6 in Schizophrenia-Is There a Therapeutic Relevance? <i>Front Psychiatry</i> 2017; 8: 221. doi.org/10.3389/fpsy.2017.00221		
4.	Gazdic M, Simovic Markovic B, Jovicic N, Misirkic-Marjanovic M, Djonov V, Jakovljevic V, Arsenijevic N, Lukic ML, Volarevic V. Mesenchymal Stem Cells Promote Metastasis of Lung Cancer Cells by Downregulating Systemic Antitumor Immune Response. <i>Stem Cells Int</i> 2017; 2017:6294717. doi: 10.1155/2017/6294717.		
5.	Simovic Markovic B, Gazdic M, Arsenijevic A, Jovicic N, Jeremic J, Djonov V, Arsenijevic N, Lukic ML, Volarevic V. Mesenchymal Stem Cells Attenuate Cisplatin-Induced Nephrotoxicity in iNOS-Dependent Manner. <i>Stem Cells Int</i> 2017; 2017:1315378. doi: 10.1155/2017/1315378.		
6.	Milosavljevic N, Gazdic M, Markovic BS, Arsenijevic A, Nurkovic J, Dolicanin Z, Djonov V, Lukic ML, Volarevic V. Mesenchymal stem cells attenuate acute liver injury by altering ratio between IL-17 producing and regulatory NKT cells. <i>Liver Transpl</i> 2017; 23(8):1040-1050.		
7.	Pantic JM, Jovanovic IP, Radosavljevic GD, Gajovic NM, Arsenijevic NN, Conlon JM, Lukic ML. The frog skin host-defense peptide frenatin 2.1S enhances recruitment, activation and tumoricidal capacity of NK cells. <i>Peptides</i> 2017; 93:44-50.		
8.	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. <i>Front Immunol</i> 2017;8:192. doi: 10.3389/fimmu.2017.00192.		
9.	Pejnovic N, Jetic I, Jovicic N, Arsenijevic N, Lukic ML. Galectin-3 and IL-33/ST2 axis roles and interplay in diet-induced steatohepatitis. <i>World journal of gastroenterology</i> 2016; 22(44):9706-1		
10.	Simovic Markovic B, Jovanovic I, Volarevic V, Zdravkovic N, Jovanovic M, Zdravkovic N, Maric V, Arsenijevic N, Lukic ML. Potential inversely immunomodulatory roles of Galectin-1 and Galectin-3 in ulcerative colitis. <i>Wulfenia</i> 2016; 23(9):188-205.		
11.	Arsenijevic A, Milovanovic M, Milovanovic J, Stojanovic B, Zdravkovic N, Leung PS, Liu FT, Gershwin ME, Lukic ML. Deletion of Galectin-3 Enhances Xenobiotic Induced Murine Primary Biliary Cholangitis by Facilitating Apoptosis of BECs and Release of Autoantigens. <i>Sci Rep</i> 2016; 6:23348. doi: 10.1038/srep23348.		
12.	Milosavljevic MZ, Jovanovic IP, Pejnovic NN, Mitrovic SL, Arsenijevic NN, Simovic Markovic BJ, Lukic ML. Deletion of IL-33R attenuates VEGF expression and enhances necrosis in mammary carcinoma. <i>Oncotarget</i> 2016; 7(14): 18106-18115.		
13.	Simovic Markovic B, Nikolic A, Gazdic M, Bojic S, Vucicevic L, Kosic M, Mitrovic S, Milosavljevic M, Besra G, Trajkovic V, Arsenijevic N, Lukic ML, Volarevic V. Gal-3 plays an important pro-inflammatory role in the induction phase of acute colitis by promoting activation of NLRP3 inflammasome and production of IL- β in macrophages. <i>J Crohns Colitis</i> 2016;10(5):593-606.		
14.	Simovic Markovic B, Nikolic, Gazdic M, Nurkovic J, Djordjevic I, Arsenijevic N, Stojkovic M, Lukic ML, Volarevic V. Pharmacological Inhibition of Gal-3 in Mesenchymal Stem Cells Enhances Their Capacity to Promote Alternative Activation of Macrophages in Dextran Sulphate Sodium-Induced Colitis. <i>Stem cell International</i> 2016; 2016: 2640746		
15.	Jovicic N, Jetic I, Jovanovic I, Radosavljevic G, Arsenijevic N, Lukic ML, Pejnovic N. Differential Immunometabolic Phenotype in Th1 and Th2 Dominant Mouse Strains in Response to High-Fat Feeding. <i>PLoS One</i> 2015; 10(7):e0134089.		
16.	Pantic JM, Radosavljevic GD, Jovanovic IP, Arsenijevic NN, Conlon JM, Lukic ML. In vivo administration of the frog skin peptide frenatin 2.1S induces immunostimulatory phenotypes of mouse mononuclear cells. <i>Peptides</i> 2015;71:269-275		
17.	Jetic I, Jovicic N, Pantic J, Arsenijevic N, Lukic ML, Pejnovic N. Galectin-3 Ablation Enhances Liver Steatosis, but Attenuates Inflammation and IL-33 Dependent Fibrosis in Obesogenic Mouse Model of Nonalcoholic Steatohepatitis. <i>Mol Med</i> 2015; 21(1):453-465.		
18.	M. Borovcanin, I. Jovanovic, S. Djukic Dejanovic, G. Radosavljevic, N. Arsenijevic, ML. Lukic. Increase systemic levels of IL-23 as a possible constitutive marker in schizophrenia. <i>Psychoneuroendocrinology</i> 2015; 56:143-147.		
19.	Volarevic V, Misirkic M, Vucicevic L, Paunovic V, Simovic Markovic B, Stojanovic M, Milovanovic M, Jakovljevic V, Micic D, Arsenijevic N, Trajkovic V, Lukic ML. Metformin aggravates immune-mediated liver injury in mice. <i>Arch Toxicol</i> 2015; 89(3):437-450.		
20.	Volarevic V, Markovic BS, Bojic S, Stojanovic M, Nilsson U, Leffler H, Besra GS, Arsenijevic N, Paunovic V, Trajkovic V, Lukic ML. Gal-3 regulates the capacity of dendritic cells to promote NKT cell-induced liver injury. <i>Eur J Immunol</i> 2015;45(2):531-543.		
21.	Mechkarska M, Attoub S, Sulaiman S, Pantic J, Lukic ML, Michael Conlon J. Anti-cancer, immunoregulatory, and antimicrobial activities of the frog skin host-defense peptides pseudohymenochirin-1Pb and pseudohymenochirin-2Pa. <i>Regul Pept</i> 2014; 194-195:69-76.		
22.	Volarevic V, Paunovic V, Markovic Z, Simovic Markovic B, Misirkic-Marjanovic M, Todorović Marković B, Bojic S, Vucicevic L, Jovanovic S, Arsenijevic N, Holclajtner-Antunović I, Milosavljevic M, Dramicanin M, Kravic-Stevovic T, Ciric D, Lukic ML, Trajkovic V. Large Graphene Quantum Dots Alleviate Immune-Mediated Liver Damage. <i>ACS Nano</i> 2014; 8(12):12098-12109.		
23.	Conlon JM, Mechkarska M, Lukic ML, Flatt PR. Potential therapeutic applications of multifunctional host-defense peptides from frog skin as anti-cancer, anti-viral, immunomodulatory, and anti-diabetic agents. <i>Peptides</i> 2014; 57:67-77.		
24.	Conlon JM, Mechkarska M, Radosavljevic G, Attoub S, King JD, Lukic ML, McClean S. A family of antimicrobial and immunomodulatory peptides related to the frenatins from skin secretions of the Orinoco lime frog <i>Sphaenorhynchus lacteus</i> (Hylidae). <i>Peptides</i> 2014; 56:132-140.		
25.	Lukic ML, Pejnovic N, Lukic A. New insight into early events in type 1 diabetes: role for islet stem cell exosomes. <i>Diabetes</i> 2014; 63(3):835-837.		
26.	Pavlovic S, Zdravkovic N, Pejnovic N, Djoumerska-Aleksieva I.K, Arsenijevic N, Vassilev T.L, Lukic M.L. Enhanced anti-diabetogenic effect of intravenous immune globulin modified by ferrous ion exposure. <i>European Journal of Inflammation</i> 2014; 12(1):67-76		
27.	Pantic JM, Mechkarska M, Lukic ML, Conlon JM. Effects of tigerin peptides on cytokine production by mouse peritoneal macrophages and spleen cells and by human peripheral blood mononuclear cells. <i>Biochimie</i> 2014; 101:83-92.		

28.	Ljubic B, Milovanovic M, Volarevic V, Murray B, Bugarski D, Przyborski S, Arsenijevic N, Lukic ML, Stojkovic M. Human mesenchymal stem cells creating an immunosuppressive environment and promote breast cancer in mice. <i>Sci Rep</i> 2013; 3:2298.
29.	Jovanovic IP, Pejnovic NN, Radosavljevic GD, Pantic JM, Milovanovic MZ, Arsenijevic NN, Lukic ML. Interleukin-33/ST2 Axis Promotes Breast Cancer Growth and Metastases by Facilitating Intratumoural Accumulation of Immunosuppressive and Innate Lymphoid Cells. <i>Int J Cancer</i> 2014; 134(7):1669-1682.
30.	Conlon JM, Mechkarska M, Pantic JM, Lukic ML, Coquet L, Leprince J, Nielsen PF, Rinaldi AC. An immunomodulatory peptide related to frenatin 2 from skin secretions of the Tyrrhenian painted frog <i>Discoglossus sardus</i> (Alytidae). <i>Peptides</i> 2013; 40:65-71.
31.	Conlon JM, Mechkarska M, Prajeep M, Arafat K, Zaric M, Lukic ML, Attoub S. Transformation of the naturally occurring frog skin peptide, alyteserin-2a into a potent, non-toxic anti-cancer agent. <i>Amino Acids</i> 2013; 44(2):715-23.
32.	Mechkarska M, Prajeep M, Radosavljevic GD, Jovanovic IP, Baloushi AA, Sonnevend A, Lukic ML, Conlon JM. An analog of the host-defense peptide hymenochirin-1B with potent broad-spectrum activity against multidrug-resistant bacteria and immunomodulatory properties. <i>Peptides</i> 2013; 50:153-159.
33.	Scorciapino MA, Manzo G, Rinaldi AC, Sanna R, Casu M, Pantic JM, Lukic ML, Conlon JM. Conformational analysis of the frog skin Peptide, plasticin-11, and its effects on production of proinflammatory cytokines by macrophages. <i>Biochemistry</i> 2013; 52(41):7231-7241.
34.	Al Shamsi M, Shahin A, Iwakura Y, Lukic ML, Mensah-Brown EP. Pam3CSK4 enhanced beta cell loss and diabetogenesis: The roles of IFN-gamma and IL-17. <i>Clin Immunol</i> 2013; 149(1):86-96.
35.	Saksida T, Nikolic I, Vujcic M, Nilsson UJ, Leffler H, Lukic ML, Stojanovic I, Stosic-Grujicic S. Galectin-3 deficiency protects pancreatic islet cells from cytokine-triggered apoptosis in vitro. <i>J Cell Physiol</i> 2013; 228(7):1568-1576.
36.	Borovcanin M, Jovanovic I, Radosavljevic G, Djukic-Dejanovic S, Stefanovic V, Arsenijevic N, Lukic ML. Antipsychotics can modulate the cytokine profile in schizophrenia: attenuation of the type-2 inflammatory response. <i>Schizophrenia Research</i> 2013; 147(1):103-109.
37.	Pejnovic N, Pantic J, Jovanovic I, Radosavljevic G, Milovanovic M, Nikolic I, Zdravkovic N, Djukic A, Arsenijevic N, Lukic M. Galectin-3 Deficiency Accelerates High-Fat Diet Induced Obesity and Amplifies Inflammation in Adipose Tissue and Pancreatic Islets. <i>Diabetes</i> 2013; 62(6):1932-1944
38.	N. Zdravkovic, S. Pavlovic, V. Zdravkovic, N. Pejnovic, N. Arsenijevic, M.L. Lukic. ST2 gene-deletion reveals a role of Foxp3+ regulatory T cells in diabetes modulation in BALB/c mice. <i>Translational Research</i> 2013; 161(2):118-129.
39.	S. Attoub, M. Mechkarska, A. Sonnevend, G. Radosavljevic, I. Jovanovic, M.L. Lukic, J. M. Conlon. Esculentin-2ChA: a host-defense peptide with differential cytotoxicity against bacteria, erythrocytes and tumor cells. <i>Peptides</i> 2012; 39:95-102.
40.	Popovic S, Urban E, Lukic M.L, Conlon M.J. Peptides with antimicrobial and anti-inflammatory activities that have therapeutic potential for treatment of acne vulgaris. <i>Peptides</i> 2012; 34(2): 275-282.
41.	M. Borovcanin, I. Jovanovic, G. Radosavljevic, S. Djukic Dejanovic, D. Bankovic, N. Arsenijevic, M.L. Lukic. Elevated serum level of type-2 cytokine and low IL-17 in psychotic episodes. <i>Journal of Psychiatric Research</i> 2012; 46(11):1421-1426.
42.	Milovanovic M, Volarevic V, Ljubic B, Radosavljevic G, Jovanovic I, Arsenijevic N, Lukic ML. Deletion of IL-33R (ST2) Abrogates Resistance to EAE in BALB/C Mice by Enhancing Polarization of APC to Inflammatory Phenotype. <i>Plos ONE</i> 2012;7(9):e45225.
43.	Jiang HR, Milovanovic M, Allan D, Niedbala W, Besnard AG, Fukada SY, Alves-Filho JC, Togbe D, Goodyear CS, Lington C, Xu D, Lukic ML, Liew FY. IL-33 attenuates EAE by suppressing IL-17 and IFN- γ production and inducing alternatively activated macrophages. <i>Eur J Immunol</i> 2012; 42(7):1804-1814.
44.	G. Radosavljevic, V. Volarevic, I. Jovanovic, M. Milovanovic, N. Pejnovic, N. Arsenijevic, D.K. Hsu, M.L. Lukic. The roles of Galectin-3 in autoimmunity and tumor progression. <i>Immunol Res</i> 2012; 52(1-2):100-110.
45.	M. Milovanovic, V. Volarevic, G. Radosavljevic, I. Jovanovic, N. Pejnovic, N. Arsenijevic, M. L. Lukic. IL-33/ST2 axis in inflammation and immunopathology. <i>Immunol Res</i> 2012; 52(1-2):89-99.
46.	Volarevic V, Milovanovic M, Ljubic B, Pejnovic N, Arsenijevic N, Nilsson U, Leffler H, Lukic ML. Galectin-3 deficiency prevents concanavalin A-induced hepatitis in mice. <i>Hepatology</i> 2012; 55(6):1954-1964.
47.	T. Kanjevac, M. Milovanovic, V. Volarevic, ML. Lukic, N. Arsenijevic, D. Markovic, N. Zdravkovic, Z. Tesic, A. Lukic. Cytotoxic effects of glass ionomer cements on human dental pulp stem cells correlate with fluoride release. <i>Med Chem</i> 2012; 8(1): 40-45(6).
48.	Volarevic V, Mitrovic M, Milovanovic M, Zelen I, Nikolic I, Mitrovic S, Pejnovic N, Arsenijevic N. and Lukic M. Protective role of IL-33/ST2 axis in Con A-induced hepatitis. <i>Journal of Hepatology</i> 2012; 56(1):26-33.
49.	S. Pavlović, N. Zdravković, G. Radosavljević, N. Arsenijević, ML. Lukić, I. Jovanović. Interleukin-33/ST2: a new signaling pathway in immunity and immunopathology. <i>Vojnosanit Pregl</i> 2012; 69(1): 69–77.
50.	I.P. Jovanovic, N.N. Pejnovic, G.D. Radosavljevic, N.N. Arsenijevic, M.L. Lukic. IL-33/ST2 Axis in Innate and Acquired Immunity to Tumors. <i>Oncol Immunology</i> 2012; 1(2):229-231
51.	Jovanovic I, Radosavljevic G, Mitrovic M, Lisnic Juranic V, McKenzie ANJ, Arsenijevic N, Jonjic S. and Lukic ML. ST2 Deletion Enhances Innate and Acquired Immunity to Murine Mammary Carcinoma. <i>Eur J Immunol</i> 2011; 41(7):1902-1912.
52.	G. Radosavljevic, I. Jovanovic, I. Majstorovic, M. Mitrovic, V. Juranic Lisnic, N. Arsenijevic, S. Jonjic, ML. Lukic. Deletion of Galectin-3 in the host attenuates metastasis of murine melanoma by modulating tumor adhesion and NK cell activity. <i>Clin Exp Metastasis</i> 2011; 28(5):451-462.
53.	Mensah-Brown EP, Shahin A, Al Shamisi M, Lukic ML. Early influx of macrophages determines susceptibility to experimental allergic encephalomyelitis in Dark Agouti (DA) rats. <i>J Neuroimmunol</i> 2011; 232(1-2):68-74
54.	V. Volarevic, N. Arsenijevic, M.L. Lukic, M. Stojkovic. Mesenchymal Stem Cell Treatment of Complications of Diabetes Mellitus. <i>Stem Cells</i> 2011; 29(1):5–10.
55.	S. Pavlovic, N. Zdravkovic, JD. Dimitrov, A. Djukic, N. Arsenijevic, TL. Vasillev, ML. Lukic. Intravenous immunoglobulins exposed to heme (heme IVIG) are more efficient than IVIG in attenuating autoimmune diabetes. <i>Clin Immunol</i> 2011; 138(2):162-171.
56.	Volarevic V, Al-Qahtani A, Arsenijevic N, Pajovic S, Lukic ML. Interleukin-1 receptor antagonist (IL-1Ra) and IL-1Ra producing mesenchymal stem cells as modulators of diabetogenesis. <i>Autoimmunity</i> 2010; 43(4):255-263.
57.	Lukic ML, Arsenijevic N, Mitchison NA. Inflammation at the interface of Innate and Acquired Immunity. <i>Mol Immunol</i> 2009; 47(1):1-2.
58.	Jiang HR, Al Rasebi Z, Mensah-Brown E, Shahin A, Xu D, Goodyear CS, Fukada SY, Liu FT, Liew FY. and Lukic ML. Galectin-3 deficiency reduces the severity of experimental autoimmune encephalomyelitis. <i>J Immunol</i> 2009; 182(2):1167-1173.
59.	Saadi H, Nagelkerke N, Carruthers SG, Benedict S, Abdulkhalek S, Reed R, Lukic M and Nicholls MG. Association of TCF7L2 polymorphism with diabetes mellitus, metabolic syndrome, and markers of beta cell function and insulin resistance in a population-based sample of Emirati subjects. <i>Diabetes Res Clin Pract</i> 2008; 80(3):392-398.
60.	Al-Ramadi B. and Lukic ML. Introduction to immunoregulation in chronic inflammatory disorders. <i>Clinical Immunology</i> 2009; 130:1.
61.	Mensah-Brown EP, Al Rabesi Z, Shahin A, Al Shamsi M, Arsenijevic N, Hsu DK, Liu FT. and Lukic ML. Targeted disruption of the galectin-3 gene results in decreased susceptibility to multiple low dose streptozotocin-induced. <i>Clin Immunol</i> 2009;130(1):83-88.
62.	Zdravkovic N, Shahin A, Arsenijevic N, Lukic ML and Eric PK Mensah- Brown. Regulatory T cells and ST2 signaling control diabetes induction with multiple low doses of streptozotocin. <i>Molecular Immunology</i> 2009; 47(1):28-36.

Збирни подаци научне, односно уметничке и стручне активности наставника

Укупан број цитата	Science Citation Index, Web of Science		
	Scopus		
Укупан број радова са SCI или (SSCI) листе	62		
Тренутно учешће на пројектима	17	Домаћи	13
		Међународни	4

Усавршавања	Fulbright Scholar, Tufts University, Boston EMBO visiting professor, College University of London
Други релевантни подаци	Предавања по позиву или селекцији на најзначајнијим имунолошким састанцима укључујући: American Association of Immunologists (7), European Meetings of Immunology (5), International (World) Immunology Conference 2007. Едитор по позиву (Guest editor) тематских бројева угледних часописа: Molecular Immunology (2003), Cellular Immunology (2005). Члан издавачких одбора интернационалних часописа: Eur Journal of Immunology, Emirates Medical Journal.