

Име и презиме		Миодраг Стојковић				
Звање		Редовни професор				
Назив институције у којој наставник ради са пуним радним временом и од када		Факултет медицинских наука, Универзитет у Крагујевцу		2006.		
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Докторат	1996.	Ветеринарски факултет, Универзитет у Минхену-Немачка	Ветерина			
Специјализација						
Магистратура						
Диплома	1990.	Ветеринарски факултет, Универзитет у Београду	Ветерина			
Репрезентативне референце						
1.	Nikolic A, Simovic Markovic B, Gazdic M, Randall Harrell C, Fellabaum C, Jovicic N, Djonov V, Arsenijevic N, Lukic ML, Stojkovic M, Volarevic V. Intraperitoneal administration of mesenchymal stem cells ameliorates acute dextran sulfate sodium-induced colitis by suppressing dendritic cells. <i>Biomed Pharmacother</i> 2018; 100:426-432.					
2.	Volarevic V, Markovic BS, Gazdic M, Volarevic A, Jovicic N, Arsenijevic N, Armstrong L, Djonov V, Lako M, Stojkovic M, Erceg S. Ethical and Safety Issues of Stem Cell-Based Therapy. <i>Int J Med Sci</i> 2018;15(1):36-45.					
3.	Lukovic D, Moreno-Manzano V, Rodriguez-Jimenez FJ, Vilches A, Sykova E, Jendelova P, Stojkovic M, Erceg S. HiPSC Disease Modeling of Rare Hereditary Cerebellar Ataxias: Opportunities and Future Challenges. <i>Neuroscientist</i> 2017; 23(5): 554-566					
4.	Gazdic M, Arsenijevic A, Markovic BS, Volarevic A, Dimova I, Djonov V, Arsenijevic N, Stojkovic M, Volarevic V. Mesenchymal Stem Cell-Dependent Modulation of Liver Diseases. <i>Int J Biol Sci</i> 2017;13(9):1109-1117.					
5.	Volarevic V, Lako M, Erceg S, Stojkovic M. Stem Cell-Based Therapy in Transplantation and Immune-Mediated Diseases. <i>Stem Cells Int</i> 2017;2017:7379136. doi: 10.1155/2017/7379136.					
6.	Lukovic D, Diez Lloret A, Stojkovic P, Rodriguez-Martinez D, Perez Arago MA, Rodriguez-Jimenez FJ, Gonzalez-Rodriguez P, Lopez-Barneo J, Sykova E, Jendelova P, Kostic J, Moreno-Manzano V, Stojkovic M, Bhattacharya SS, Erceg S. Highly Efficient Neural Conversion of Human Pluripotent Stem Cells in Adherent and Animal-Free Conditions. <i>Stem Cells Transl Med</i> 2017;6(4):1217-1226.					
7.	Gazdic M, Volarevic V, Arsenijevic A, Erceg S, Moreno-Manzano V, Arsenijevic N, Stojkovic M. Stem Cells and Labeling for Spinal Cord Injury. <i>Int J Mol Sci</i> 2017; 18(1): 6. doi: 10.3390/ijms18010006					
8.	Rodriguez-Jimenez FJ, Alastrue A, Stojkovic M, Erceg S, Moreno-Manzano V. Connexin 50 modulates Sox2 expression in spinal-cord-derived ependymal stem/progenitor cells. <i>Cell Tissue Res</i> 2016;365(2):295-307.					
9.	Volarevic V, Lako M, Stojkovic M. Stem Cells, Inflammation, and Fibrosis. <i>Stem Cells Int</i> 2016; 2016:3891386.					
10.	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					
11.	Nurkovic JS, Volarevic V, Lako M, Armstrong L, Arsenijevic N, Stojkovic M. Aging of stem and progenitor cells: mechanisms, impact on the therapeutic potential and rejuvenation. <i>Rejuvenation Res</i> 2016;19(1):3-12.					
12.	A. Nikolic, V. Volarevic, L. Armstrong, M. Lako, M. Stojkovic. Primordial Germ Cells: Current Knowledge and Perspectives. <i>Stem Cells International</i> 2016; 2016:1741072.					
13.	Lukovic D, Moreno-Manzano V, Lopez-Mocholi E, Rodriguez-Jimenez FJ, Jendelova P, Sykova E, Oria M, Stojkovic M, Erceg S. Complete rat spinal cord transection as a faithful model of spinal cord injury for translational cell transplantation. <i>Sci Rep</i> 2015; 5:9640. doi: 10.1038/srep09640.					
14.	Yang C, Al-Aama J, Stojkovic M, Keavney B, Trafford A, Lako M, Armstrong L. Concise Review: Cardiac Disease Modeling Using Induced Pluripotent Stem Cells. <i>Stem Cells</i> 2015; 33(9):2643-51					
15.	Lukovic D, Stojkovic M, Moreno-Manzano V, Jendelova P, Sykova E, Bhattacharya SS, Erceg S. Concise review: reactive astrocytes and stem cells in spinal cord injury: good guys or bad guys? <i>Stem Cells</i> 2015; 33(4):1036-41.					
16.	Gómez-Villafuertes R, Rodríguez-Jiménez FJ, Alastrue-Agudo A, Stojkovic M, Miras-Portugal MT, Moreno-Manzano V. Purinergic Receptors in Spinal Cord-Derived Ependymal Stem/Progenitor Cells and Their Potential Role in Cell-Based Therapy for Spinal Cord Injury. <i>Cell Transplant</i> 2015;24(8):1493-509.					
17.	Rodriguez-Jimenez FJ, Alastrue-Agudo A, Stojkovic M, Erceg S, Moreno-Manzano V. Connexin 50 Expression in Ependymal Stem Progenitor Cells after Spinal Cord Injury Activation. <i>Int J Mol Sci</i> 2015;16(11):26608-18					
18.	Gazdic M, Volarevic V, Arsenijevic N, Stojkovic M. Mesenchymal Stem Cells: A Friend or Foe in Immune-Mediated Diseases. <i>Stem Cell Rev</i> 2015; 11(2):280-287.					
19.	Volarevic V, Nurkovic J, Arsenijevic N, Stojkovic M. Concise review: therapeutic potential of mesenchymal stem cells for the treatment of acute liver failure and cirrhosis. <i>Stem Cells</i> 2014; 32(11):2818-2823.					
20.	Armstrong L, Al-Aama J, Stojkovic M, Lako M. Concise review: the epigenetic contribution to stem cell ageing: can we rejuvenate our older cells? <i>Stem Cells</i> 2014; 32(9):2291-8.					
21.	Jiang Y, Habibollah S, Tilgner K, Collin J, Barta T, Al-Aama JY, Tesarov L, Hussain R, Trafford AW, Kirkwood G, Sernagor E, Eleftheriou CG, Przyborski S, Stojkovic M, Lako M, Keavney B, Armstrong L. An induced pluripotent stem cell model of hypoplastic left heart syndrome (HLHS) reveals multiple expression and functional differences in HLHS-derived cardiac myocytes. <i>Stem Cells Transl Med</i> 2014; 3(4):416-23					
22.	V. Volarevic, S. Bojic, J. Nurkovic, A. Volarevic, B. Ljubic, N. Arsenijevic, M. Lako, M. Stojkovic. Stem Cells as New Agents for the Treatment of Infertility: Current and Future Perspectives and Challenges. <i>Biomed Res Int</i> 2014;2014:507234.					
23.	Bojic S, Volarevic V, Ljubic B, Stojkovic M. Dental stem cells-characteristics and potential. <i>Histol Histopathol</i> 2014; 29(6):699-706					
24.	Lukovic D, Stojkovic M, Moreno-Manzano V, Bhattacharya SS, Erceg S. Perspectives and Future Directions of Human Pluripotent Stem Cell-Based Therapies: Lessons from Geron's Clinical Trial for Spinal Cord Injury. <i>Stem Cells Dev</i> 2014; 23(1):1-4.					
25.	Lukovic D, Valdes-Sanchez L, Sanchez-Vera I, Moreno-Manzano V, Stojkovic M, Bhattacharya SS, Erceg S. Astrogliosis promotes functional recovery of completely transected spinal cord following transplantation of hESC-derived oligodendrocyte and motoneuron progenitors. <i>Stem Cells</i> 2014; 32(2):594-599.					
26.	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. doi: 10.1038/srep02298.					
27.	Yung SK, Tilgner K, Ledran MH, Habibollah S, Neganova I, Singhapol C, Saretzki G, Stojkovic M, Armstrong L, Przyborski S, Lako M. Brief report: human pluripotent stem cell models of fanconi anemia deficiency reveal an important role for fanconi anemia proteins in cellular reprogramming and survival of hematopoietic progenitors. <i>Stem Cells</i> 2013; 31(5):1022-1029.					
28.	Tilgner K, Neganova I, Moreno-Gimeno I, Al-Aama JY, Burks D, Yung S, Singhapol C, Saretzki G, Evans J, Gorbunova V, Gennery A, Przyborski S, Stojkovic M, Armstrong L, Jeggo P, Lako M. A human iPSC model of Ligase IV deficiency reveals an important role for NHEJ-mediated-DSB repair in the					

	survival and genomic stability of induced pluripotent stem cells and emerging haematopoietic progenitors. <i>Cell Death Differ</i> 2013; 20(8):1089-1100.
29.	Tilgner K, Neganova I, Singhapal C, Saretzki G, Al-Aama JY, Evans J, Gorbunova V, Gennery A, Przyborski S, Stojkovic M, Armstrong L, Jeggo P, Lako M. Brief report: a human induced pluripotent stem cell model of cernunnos deficiency reveals an important role for XLF in the survival of the primitive hematopoietic progenitors. <i>Stem Cells</i> 2013; 31(9):2015-2023.
30.	Becker-Kočić ZA, Ureña-Peralta JR, Saffrich R, Rodriguez-Jiménez FJ, Rubio MP, Rios P, Romero A, Ho AD, Stojković M. A Novel Human Glycoprotein ACA is an Upstream Regulator of Human Hematopoiesis. <i>Bull Exp Biol Med</i> 2013; 155(4):536-551.
31.	Becker-Kočić ZA, Ureña Peralta JR, Zupančič I, Rodriguez-Jiménez FJ, Rubio MP, Stojković P, Roselló MG, Stojković M. Activation by ACA Induces Pluripotency in Human Blood Progenitor Cells. <i>Bull Exp Biol Med</i> 2013; 155(4):552-567.
32.	Volarevic V, Erceg S, Bhattacharya SS, Stojkovic P, Horner P, Stojkovic M. Stem cell based therapy for spinal cord injury. <i>Cell Transplant</i> 2013; 22(8):1309-1323
33.	Lukovic D, Moreno-Manzano V, Stojkovic M, Bhattacharya S, Erceg S. Human pluripotent stem cells in the treatment of spinal cord injury. <i>Stem Cells</i> 2012; 30(9):1787-1792.
34.	Rodríguez-Jiménez FJ, Alastrue-Agudo A, Erceg S, Stojkovic M, Moreno-Manzano V. FM19G11 Favors Spinal Cord Injury Regeneration and Stem Cell Self-Renewal by Mitochondrial Uncoupling and Glucose Metabolism Induction. <i>Stem Cells</i> 2012; 30(10):2221-2233.
35.	Escobedo-Lucea C, Ayuso-Sacido A, Xiong C, Prado-López S, Del Pino MS, Melguizo D, Bellver-Estellés C, Gonzalez-Granero S, Valero ML, Moreno R, Burks DJ, Stojkovic M. Development of a Human Extracellular Matrix for Applications Related with Stem Cells and Tissue Engineering. <i>Stem Cell Rev</i> 2012; 8(1):170-183.
36.	Armstrong L, Lako M, Buckley N, Lappin T.R.J, Murphy M.J, Nolta J.A, Pittenger M, Stojkovic M. Our Top 10 Developments in Stem Cell Biology over the Last 30 Years. <i>Stem Cells</i> 2012; 30(1):2-9.
37.	Volarevic V, Ljubić B, Lukic A, Arsenijevic N, Stojkovic M. Human Stem Cell Research and Regenerative Medicine - Present and Future. <i>British Medical Bulletin</i> 2011; 99:155-168.
38.	Erceg S, Moreno-Manzano V, Garita-Hernandez M, Stojkovic M, Bhattacharya SS. Concise review: stem cells for the treatment of cerebellar-related disorders. <i>Stem Cells</i> 2011; 29(4):564-569.
39.	MacIntyre DA, Melguizo Sanchís D, Jiménez B, Moreno R, Stojkovic M, Pineda-Lucena A. Characterisation of human embryonic stem cells conditioning media by 1H-nuclear magnetic resonance spectroscopy. <i>PLoS One</i> 2011; 6(2):e16732
40.	Erceg S, Moreno-Manzano V, Garita-Hernandez M, Stojkovic M, Bhattacharya SS. Concise review: stem cells for the treatment of cerebellar-related disorders. <i>Stem Cells</i> 2011; 29(4):564-569.
41.	Illich DJ, Demir N, Stojković M, Scheer M, Rothamel D, Neugebauer J, Hescheler J, Zöller JE. Concise review: induced pluripotent stem cells and lineage reprogramming: prospects for bone regeneration. <i>Stem Cells</i> 2011; 29(4):555-563.
42.	Volarevic V, Arsenijevic N, Lukic M.L, Stojkovic M. Mesenchymal Stem Cell Treatment of Complications of Diabetes Mellitus. <i>Stem Cells</i> 2011; 29(1):5-10
43.	Taléns-Visconti R, Sanchez-Vera I, Kostic J, Perez-Arago MA, Erceg S, Stojkovic M, Guerri C. Neural Differentiation from Human Embryonic Stem Cells as a Tool to Study Early Brain Development and the Neuroteratogenic Effects of Ethanol. <i>Stem Cells Dev</i> 2011; 20(2):327-39
44.	Nayernia K, Lee JH, Lako M, Armstrong L, Herbert M, Li M, Engel W, Elliott D, Stojkovic M, Parrington J, Murdoch A, Strachan T, Zhang X. RETRACTION - In Vitro Derivation of Human Sperm from Embryonic Stem Cells. <i>Stem Cells Dev</i> 2010; (available from: doi:10.1089/scd.2009.0063).
45.	Cervera R, Silvestre M, Martí N, García-Mengual E, Moreno R, Stojkovic M. Effects of Different Oocyte Activation Procedures on Development and Gene Expression of Porcine Pre-Implantation Embryos. <i>Reprod Domest Anim</i> 2010; 45(5):e12-20.
46.	Prado-Lopez S, Conesa A, Armiján A, Martínez-Losa M, Escobedo-Lucea C, Gandia C, Tarazona S, Melguizo D, Blesa D, Montaner D, Sanz-González S, Sepúlveda P, Götz S, O'Connor JE, Moreno R, Dopazo J, Burks DJ, Stojkovic M. Hypoxia promotes efficient differentiation of human embryonic stem cells to functional endothelium. <i>Stem Cells</i> 2010; 28(3):407-418.
47.	Tilgner K, Atkinson SP, Yung S, Golebiewska A, Stojkovic M, Moreno R, Lako M, Armstrong L. Expression of GFP under the control of the RNA helicase VASA permits fluorescence-activated cell sorting isolation of human primordial germ cells. <i>Stem Cells</i> 2010; 28(1):84-92.
48.	Ronaghi M, Erceg S, Moreno-Manzano V, Stojkovic M. Challenges of Stem Cell Therapy for Spinal Cord Injury: Human Embryonic Stem Cells, Endogenous Neural Stem Cells, or Induced Pluripotent Stem Cells? <i>Stem Cells</i> 2010; 28(1):93-99.
49.	Moreno-Manzano V, Rodríguez-Jiménez FJ, Aceña-Bonilla JL, Fuster-Lardies S, Erceg S, Dopazo J, Montaner D, Stojkovic M, Sánchez-Puelles JM. FM19G11, a new hypoxia-inducible factor (HIF) modulator, affects stem cell differentiation status. <i>J Biol Chem</i> 2010; 285(2):1333-1342.
50.	Santos F, Hyslop L, Stojkovic P, Leary C, Murdoch A, Reik W, Stojkovic M, Herbert M, Dean W. Evaluation of epigenetic marks in human embryos derived from IVF and ICSI. <i>Hum Reprod</i> 2010; 25(9):2387-23895.
51.	Erceg S, Ronaghi M, Zipancic I, Lainez S, Roselló MG, Xiong C, Moreno-Manzano V, Rodríguez-Jiménez FJ, Planells R, Alvarez-Dolado M, Bhattacharya SS, Stojkovic M. Efficient differentiation of human embryonic stem cells into functional cerebellar-like cells. <i>Stem Cells Dev</i> 2010; 19(11):1745-1756.
52.	Armstrong L, Tilgner K, Saretzki G, Atkinson SP, Stojkovic M, Moreno R, Przyborski S, Lako M. Human induced pluripotent stem cell lines show stress defense mechanisms and mitochondrial regulation similar to those of human embryonic stem cells. <i>Stem Cells</i> 2010; 28(4):661-673.
53.	Lako M, Armstrong L, Stojkovic M. Induced pluripotent stem cells: it looks simple but can looks deceive? <i>Stem Cells</i> 2010; 28(5):845-850.
54.	Hovatta O, Stojkovic M, Nogueira M, Varela-Nieto I. European scientific, ethical, and legal issues on human stem cell research and regenerative medicine. <i>Stem Cells</i> 2010; 28(6):1005-1007.
55.	Erceg S, Ronaghi M, Oriá M, García Roselló M, Amparo Pérez Aragó M, Lopez MG, Radojevic I, Moreno-Manzano V, Rodríguez-Jiménez FJ, Bhattacharya SS, Cordoba J, Stojkovic M. Transplanted oligodendrocytes and motoneuron progenitors generated from human embryonic stem cells promote locomotor recovery after spinal cord transection. <i>Stem Cells</i> 2010; 28(9):1541-1549.
56.	Cervera RP, Stojkovic M. Developments and Challenges in Human Embryonic Stem Cell Research in Spain. <i>Stem Cell Rev</i> 2009; 5(4):334-339.
57.	Cervera RP, Martí-Gutiérrez N, Escorihuela E, Moreno R, Stojkovic M. Trichostatin A affects histone acetylation and gene expression in porcine somatic cell nucleus transfer embryos. <i>Theriogenology</i> 2009;72(8):1097-10.
58.	Moreno-Manzano V, Rodríguez-Jiménez FJ, García-Roselló M, Laínez S, Erceg S, Calvo MT, Ronaghi M, Lloret M, Planells-Cases R, Sánchez-Puelles JM, Stojkovic M. Activated spinal cord ependymal stem cells rescue neurological function. <i>Stem Cells</i> 2009;27(3):733-43.
59.	Zhang X, Neganova I, Przyborski S, Yang C, Cooke M, Atkinson SP, Anyfantidis G, Fenyk S, Keith WN, Hoare SF, Hughes O, Strachan T, Stojkovic M, Hinds PW, Armstrong L, Lako M. A role for NANOG in G1 to S transition in human embryonic stem cells through direct binding of CDK6 and CDC25A. <i>J Cell Biol</i> 2009;184(1):67-82.
60.	Erceg S, Ronaghi M, Stojković M. Human embryonic stem cell differentiation toward regional specific neural precursors. <i>Stem Cells</i> 2009; 27(1):78-87.
61.	Stojković M. Human embryonic stem cells (hESCs): celebrating 10 years of hESC lines. <i>Stem Cells</i> 2008; 26(11):2746.
62.	Erceg S, Ronaghi M, Stojkovic M. Human embryonic stem cell differentiation toward regional specific neural precursors. <i>Stem Cells</i> . 2009; 27:78-87.
63.	Tilgner K, Atkinson SP, Golebiewska A, Stojkovic M, Lako M, Armstrong L. Isolation of Primordial Germ Cells from Differentiating Human Embryonic Stem Cells. <i>Stem Cells</i> 2008; 26:3075-3085.
64.	Ledran MH, Krassowska A, Armstrong L, Dimmick I, Renström J, Lang R, Yung S, Santibanez-Coref M, Dzierzak E, Stojkovic M, Oostendorp RA, Forrester L, Lako M. Efficient hematopoietic differentiation of human embryonic stem cells on stromal cells derived from hematopoietic niches. <i>Cell Stem Cell</i> 2008; 3(1):85-98.

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 у последњих 10 година	<b>43</b>		
Тренутно учешће на пројектима	<b>4</b>	Домаћи Међународни	<b>2</b> <b>2</b>
Усавршавања	Усавршавања из ембриологије и биологије матичних ћелија у Институту хумане генетике, Универзитет у Њукаслу и у истраживачком центру "Принц Филип" у Валенсији.		
Други релевантни подаци	Добитник међународне APTA награде у Јени, из ембриологије и биологије матичних ћелија у Институту хумане генетике, Универзитет у Њукаслу.		